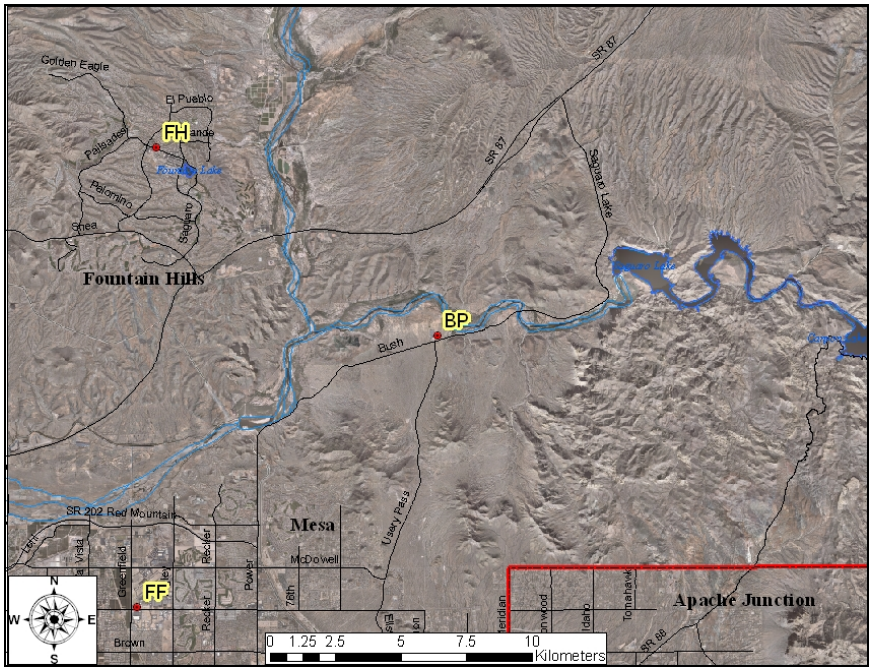
APPENDIX I - Monitoring Site Details (Photos and Specific Information)

Blue Point (BP) (04-013-9702)



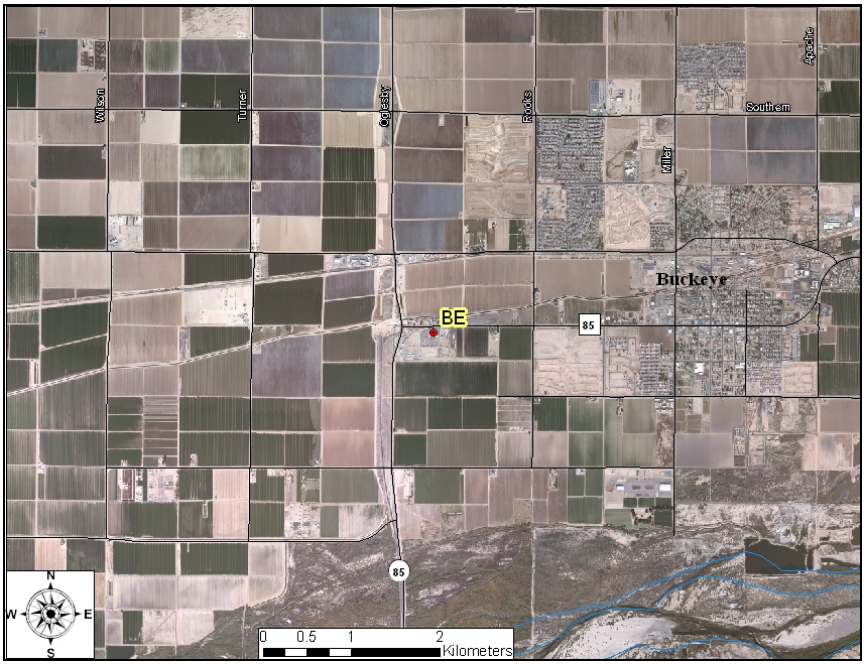
Location: Bush Highway and Usery Pass Rd., Maricopa County
Spatial Scale: Urban
Monitoring Objective: Maximum Ozone Concentration

Site Description: The Blue Point site became operational in July 1995 and is located in a Maricopa County Sheriff's Sub-Station in Tonto National Forest. This site represents the maximum ozone concentration, and urban-scale downwind transport conditions. This site is located approximately 40 miles east of the Phoenix metropolitan area. Ozone is the only criteria pollutant monitored at this SLAMS station. Wind speed and direction are also monitored at the site.

		2005	2006	2007
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.089*	.064	.066
	O_3 Number of Daily Exceedances >0.085 ppm	2	0	0
	O_3 Three year average of 4th High	0.081	.078	0.072

*Indicates an exceedance of the standard.

Buckeye (BE) (04-013-4011)



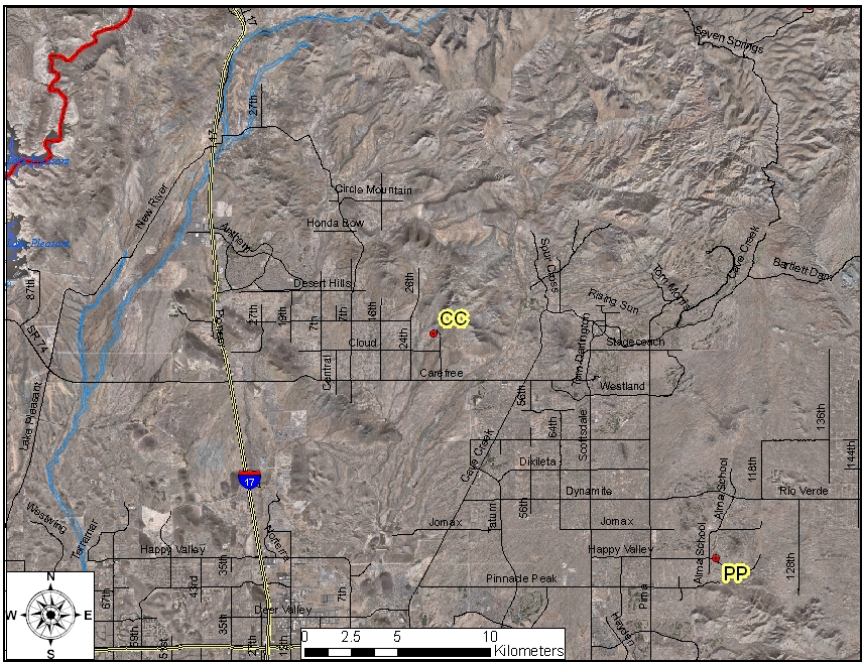
Location: US 85 & MC 85, Buckeye
Spatial Scale: Neighborhood and Urban (NO2)
Monitoring Objective: Population Exposure and Source Oriented (NO2)

Site Description: The Buckeye site was established on August 1, 2004. This site is a SLAMS location for carbon monoxide, ozone, PM_{10}, and NO_2 criteria pollutants. The site is located in the Maricopa County Department of Transportation Southwest Facility. The immediate area is agriculture and encroaching residential development. The PM_{10} monitor was changed from 1-in-6 day to hourly as of October 1, 2004.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	0.9	0.7	1.0
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.067	.072	0.066
	O_3 Number of Daily Exceedances >0.085 PPM	0	0	0
	O_3 Three year avg. of 4th High	#	#	0.065
PM_{10}	Max. 24-hr PM_{10} Avg. (µg/m^3)	169*	272*	195*‡
	Number exceedances 24-hr PM_{10}	2	3	2‡
	Annual PM_{10} Avg. (µg/m^3)	53*	53.2	52.5
Nitrogen Dioxide	Annual NO_2 Avg. (PPM)	.0119	.0111	.0102

*Indicates an exceedance of the standard.
# Indicates <75% data recovery.
‡ Indicates Exceptional Events at this site. Listed value is the highest official current AQS reading.

Cave Creek (CC) (04-013-4008)



Location: 32nd St. & Carefree Highway, Cave Creek
Spatial Scale: Urban
Monitoring Objective: Maximum Ozone Concentration

Site Description: The Cave Creek site became operational in August 2001 and is located in the Maricopa County Cave Creek Recreation Area (Park Office). This site was chosen through discussions on modifying the ozone network for the new 8-hr ozone standard. Ozone is the only criteria pollutant monitored at this SLAMS station. Wind speed and direction are also monitored at the site.

		2005	2006	2007
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.084	.088*	.083
	O_3 Number of Daily Exceedances >0.085 ppm	0	1	0
	O_3 Three year average of 4th High	0.080	0.079	0.079

*Indicates an exceedance of the standard.

Coyote Lakes (CL) (04-013-4014)

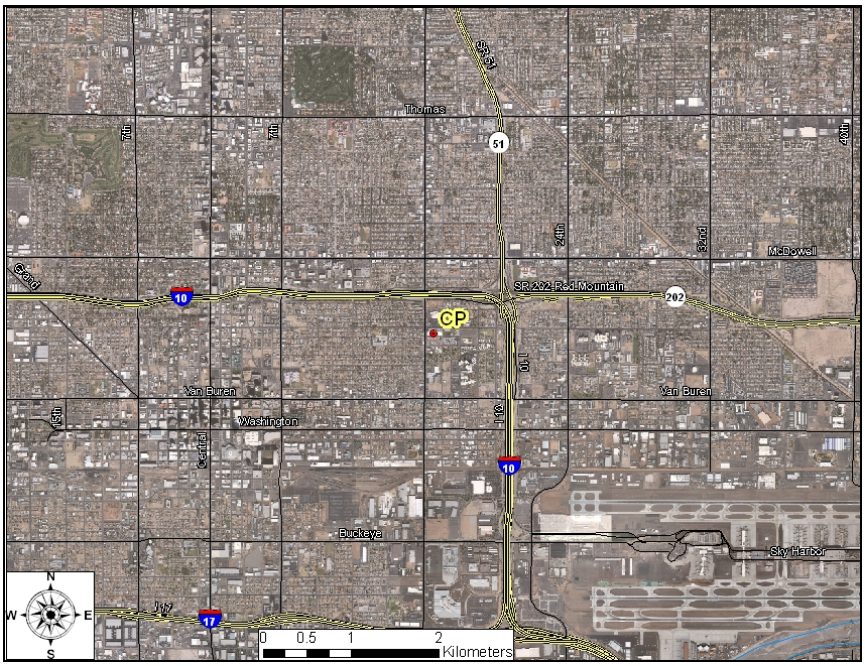
Location: Beardsley Rd & 115th Ave, Surprise
Spatial Scale: Middle
Monitoring Objective: Source Oriented

Site Description: The Coyote Lakes site became operational in April 2007. PM_{10} is the only pollutant measured at this Special Purpose Monitoring (SPM) site. The monitoring objective of this site is to determine the impact of local sources in the area; the site is located within the Agua Fria river channel which has several sand & gravel mining operations, among other sources such as unpaved roads. Wind speed and direction, temperature, and atmospheric pressure are also monitored at this site; however, the wind data does not meet federal regulations and is therefore not official and is not entered into AQS. Due to neighborhood restrictions, the wind tower cannot be raised to the required height; the wind data from this site is therefore used for reference purposes only.

		2005	2006	2007
PM_{10}	Max. 24-hr PM_{10} Avg. ($\mu g/m^3$)	N/A	N/A	313*‡
	Number exceedances 24-hr PM_{10}	N/A	N/A	2‡
	Annual PM_{10} Avg. ($\mu g/m^3$)	N/A	N/A	47.8#

*Indicates an exceedance of the standard.
‡ Indicates Exceptional Events at this site. Listed value is the highest official current AQS reading.
# Indicates <75% data recovery.

Central Phoenix (CP) (04-013-3002)



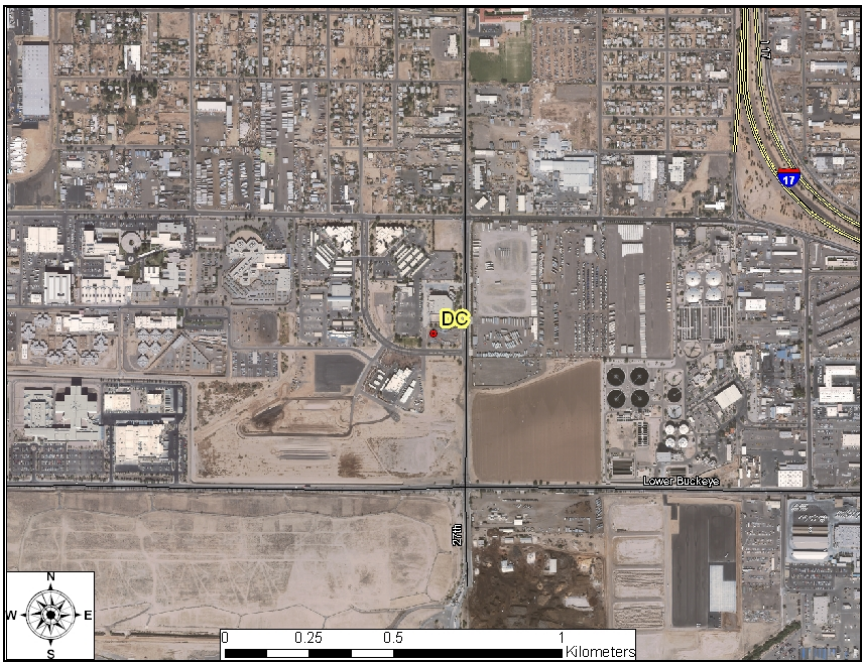
Location: 19th St. and Roosevelt
Spatial Scale: Neighborhood
Monitoring Objective: High Population Exposure and Highest Concentration (NO2 and SO2)

Site Description: The Central Phoenix site has been in existence for over four decades and has provided a long-term historical database with a high rate of data recovery. The site is representative of high population exposure (greater than 5000 people per square mile) in the central Phoenix area. This site is a SLAMS location for carbon monoxide, ozone, PM_{10}, SO_2 and NO_2 criteria pollutants.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	4.1	3.8	4.1
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	.081	.089*	.073
	O_3 Number of Daily Exceedances >0.085	0	1	0
	O_3 Three year avg. of 4th High	.077	.076	.076
PM_{10}	Max. 24-hr PM_{10} Avg. Continuous (µg/m^3)	116	134	267*‡
	Number exceedances Continuous 24-hr PM_{10}	0	0	1‡
	Annual PM_{10} Avg. Continuous (µg/m^3)	37	42.0	42.4
Nitrogen Dioxide	Annual NO_2 Avg. (PPM)	0.0262	.0251	.0237
Sulfur Dioxide	Max. 24-hr SO_2 Avg. (PPM)	.008	.007	.007
	Number of Exceedances SO_2	0	0	0
	Annual SO_2 Avg. (PPM)	.0021	.0021	.0015

*Indicates an exceedance of the standard.
‡ Indicates Exceptional Events at this site. Listed value is the highest official current AQS reading.

Durango Complex (DC) (04-013-9812)



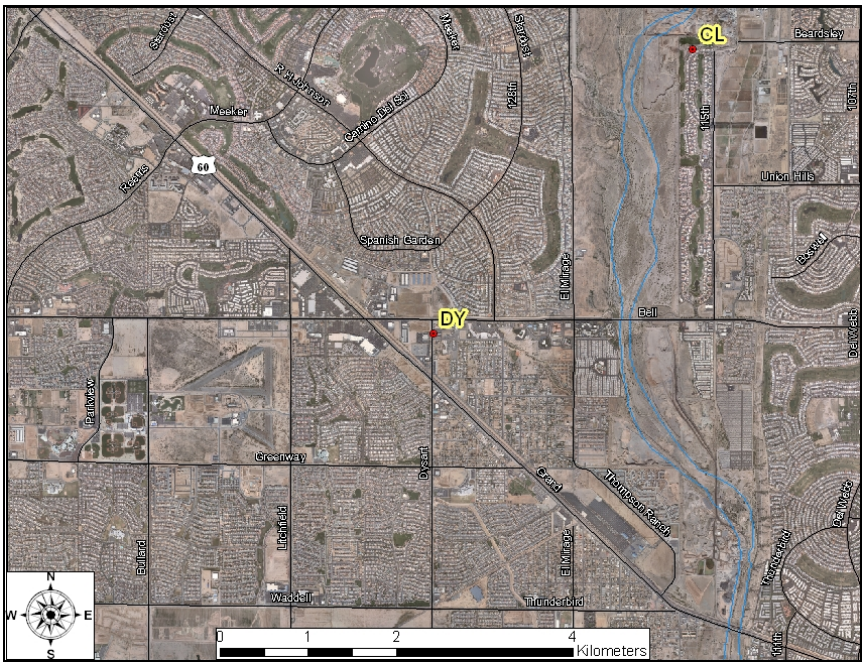
Location: 27th Ave and Durango St.
Spatial Scale: Middle
Monitoring Objective: Highest Concentration

Site Description: This site is located in the Maricopa County Flood Control District storage yard which is one mile northwest from the former Salt River site. Sampling began on January 6, 1999 with the intent to replace the Salt River site. However, in 2000 the USEPA determined that the site is not equivalent to the Salt River site. Continuous particulate monitors (SLAMS PM_{10} and $PM_{2.5}$) are located at this site. Note that the $PM_{2.5}$ monitor located at this site is a continuous FDMS-TEOM monitor, which is not a federal reference method monitor. $PM_{2.5}$ data from this site is not used to determine compliance with the NAAQS. There are also meteorological monitors (wind speed/direction and atmospheric pressure) located at the site.

		2005	2006	2007
PM_{10}	Max. 24-hr PM_{10} Avg. Continuous ($\mu g/m^3$)	206*	240*‡	155*‡
	Number exceedances Continuous 24-hr PM_{10}	13	9	1‡
	Annual PM_{10} Avg. Continuous ($\mu g/m^3$)	66*	69.2‡	59.5
$PM_{2.5}$	Max. 24-hr $PM_{2.5}$ Avg. ($\mu g/m^3$)	#	68.17	59.7
	Annual $PM_{2.5}$ Avg. ($\mu g/m^3$)	#	15.1	14.2

*Indicates an exceedance of the standard.
#Indicates <75% data recovery.
‡ Indicates Exceptional Events at this site. Listed value is the highest official current AQS reading.

Dysart (DY) (04-013-4010)



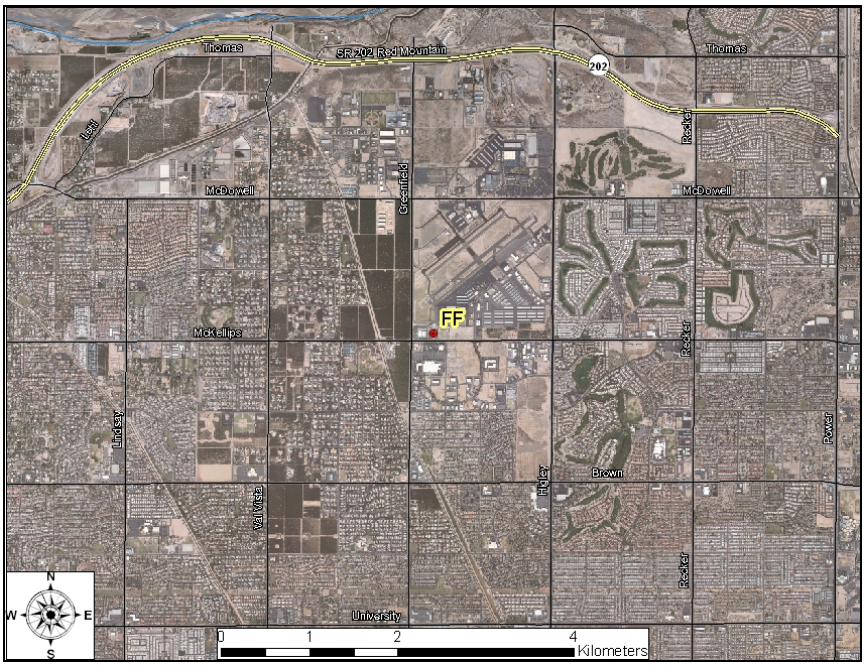
Location: Bell Rd. & Dysart Rd., Surprise
Spatial Scale: Neighborhood
Monitoring Objective: Population Exposure

Site Description: The Dysart site was established in July 2003. It is located at the Maricopa County Facility Maintenance Yard at the corner of Bell Rd. and Dysart Rd. The site is in a growing population area in the north-west valley. The land use around the site consists of subdivisions of single family homes, commercial, and industrial. The site is approx. one mile west of the Agua Fria riverbed. Seasonal carbon monoxide, seasonal ozone, and PM_{10} (all SLAMS) are the criteria pollutants monitored at this station.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	1.3	0.9	2.2
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.073	.079	.069
	Number of Daily Exceedances >0.085 PPM	0	0	0
	Three year avg. of 4th High	#	#	.067
PM_{10}	Max. 24-hr PM_{10} Avg. (µg/m^3)	76	67	111
	Number exceedances 24-hr PM_{10}	0	0	0
	Annual PM_{10} Avg. (µg/m^3)	29	32.3	35.9

#Indicates <75% data recovery.

Falcon Field (FF) (04-013-1010)



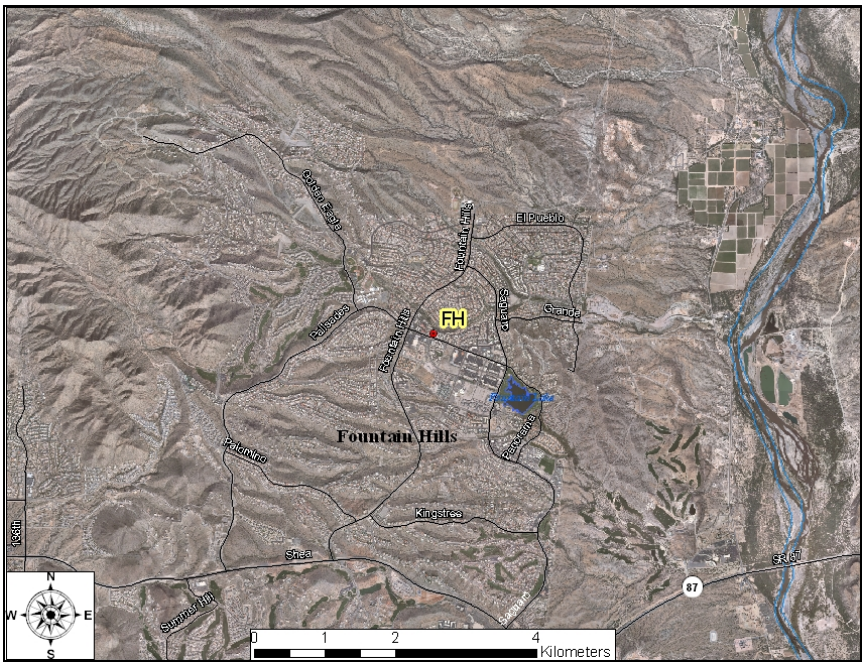
Location: Greenfield and McKellips
Spatial Scale: Neighborhood
Monitoring Objective: Population Exposure

Site Description: Ozone is the seasonal SLAMS criteria pollutant monitored at this station. Monitoring began in June of 1989. The site is located near an airfield in a fire station within a growing residential area.

		2005	2006	2007
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.081	.085*	.080
	Number of Daily Exceedances >0.085 PPM	0	1	0
	Three year avg. of 4th High	0.075	0.075	.076

*Indicates an exceedance of the standard.

Fountain Hills (FH) (04-013-4010)



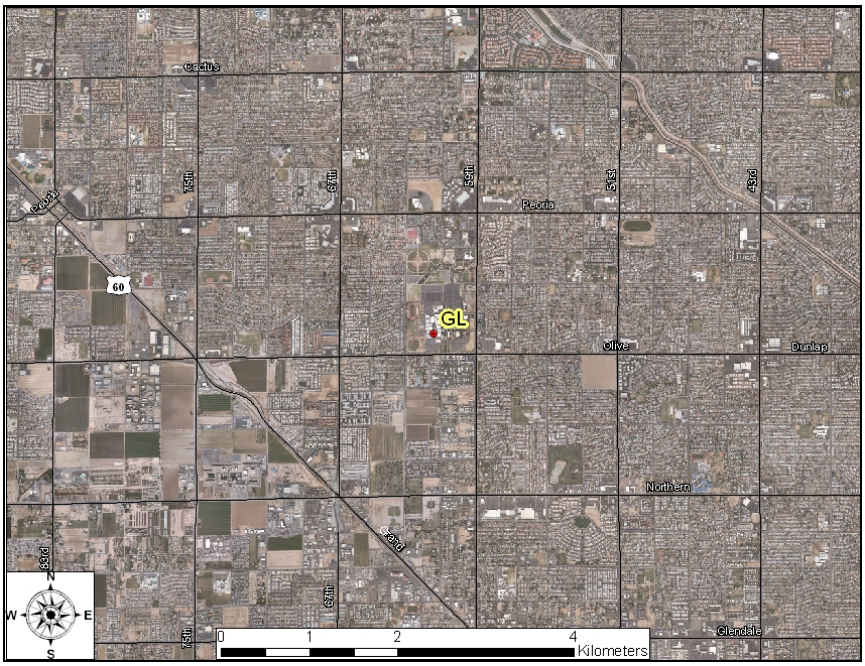
Location: Fountain Hills Blvd. and Palisades Blvd.
Spatial Scale: Neighborhood
Monitoring Objective: Maximum Ozone Concentrations

Site Description: The site is located at a Fountain Hills fire station. This site became operational in April of 1996. The site monitors ozone (SLAMS) and wind speed and direction. The site is located approximately 15 miles downwind from the Phoenix metropolitan area. This site represents the high downwind concentrations on the fringes of the central basin district along the predominant summer/fall daytime wind direction.

		2005	2006	2007
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.096*	0.089*	.083
	Number of Daily Exceedances >0.085 PPM	6	3	0
	Three year avg. of 4th High	0.082	0.082	.082

* Indicates an exceedance of the standard.

Glendale (GL) (04-013-2001)



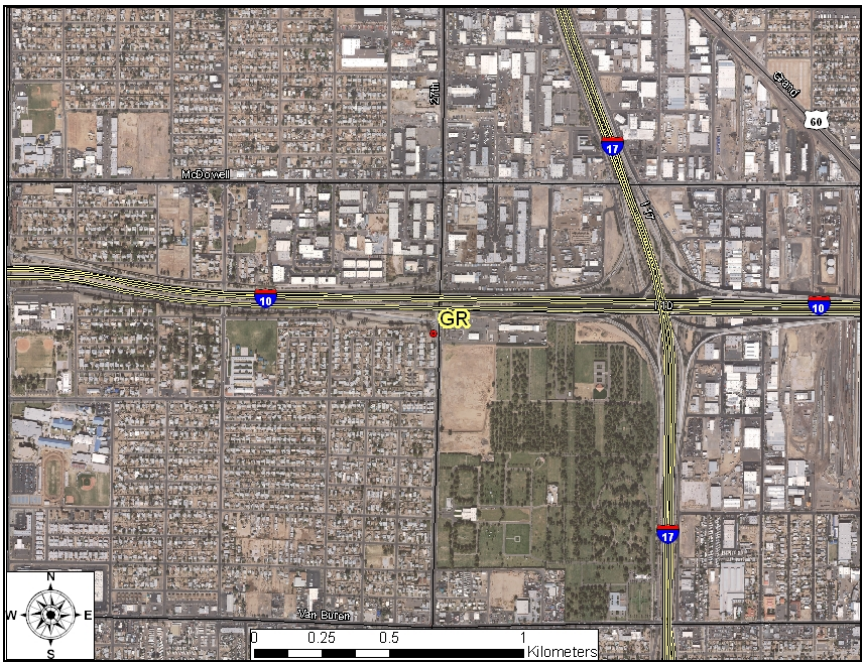
Location: 59th Ave. and Olive Ave.
Spatial Scale: Neighborhood
Monitoring Objective: Population Exposure

Site Description: The Glendale site was established over three decades ago and is located on the grounds of Glendale Community College in a populous residential area. Homes, various strip malls, food establishments, and parks surround the site. Seasonal carbon monoxide, Seasonal Ozone, and PM_{10} (all SLAMS) are the criteria pollutants monitored at this station.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	2.4	1.9	1.8
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.078	0.084	0.075
	Number of Daily Exceedances >0.085 PPM	0	0	0
	Three year avg. of 4th High	0.079	0.076	0.075
PM_{10}	Max. 24-hr PM_{10} Avg. (µg/m^3)	84	60	92
	Number exceedances 24-hr PM_{10}	0	0	0
	Annual PM_{10} Avg. (µg/m^3)	29	36.3#	34.1

#Indicates <75% data recovery.

Greenwood (GR) (04-013-3010)



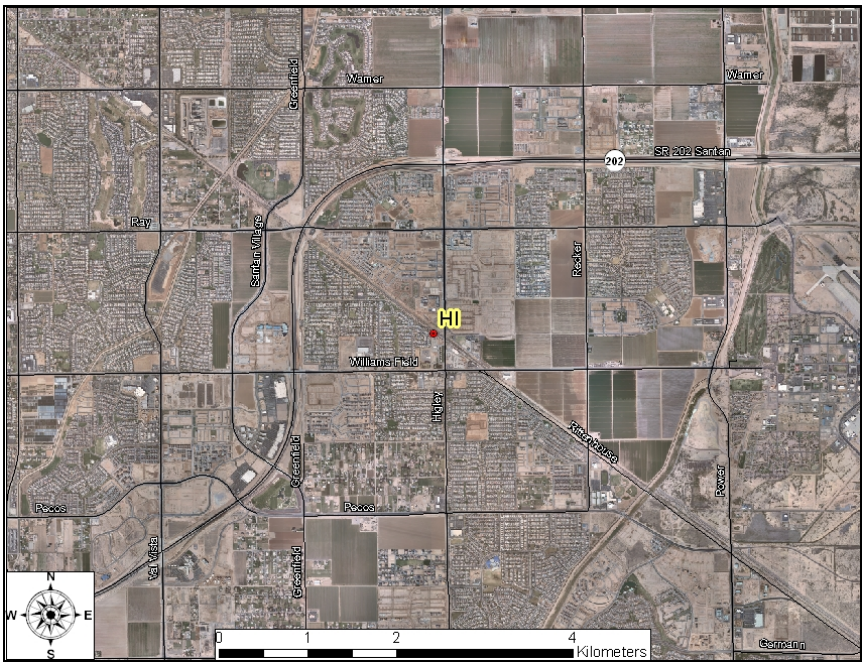
Location: 27th Ave. and I-10, Phoenix
Spatial Scale: Middle
Monitoring Objective: Population Exposure

Site Description: Monitoring began at this site in December 1993. The station is bordered on the north by Interstate 10, on the west and south by neighborhood homes, and to the east by Greenwood Cemetery. Interstate 17 is approximately one mile to the east of the site. Carbon monoxide, NO_2, and PM_{10} are the criteria pollutants monitored at this SLAMS facility. This site was converted to continuous PM_{10} monitoring in the beginning of 2006.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	4.2	3.6	4.0
	Number exceedances 8-hr CO	0	0	0
PM_{10}	Max. 24-hr PM_{10} Avg. ($\mu g/m^3$)	173*	166*	124
	Number exceedances 24-hr PM_{10}	1	1	0
	Annual PM_{10} Avg. ($\mu g/m^3$)	52*	51.7	50.0
Nitrogen Dioxide	Annual NO_2 Avg. (PPM)	0.0315	0.0306	0.0290

* Indicates an exceedance of the standard.

Higley (HI) (04-013-4006)



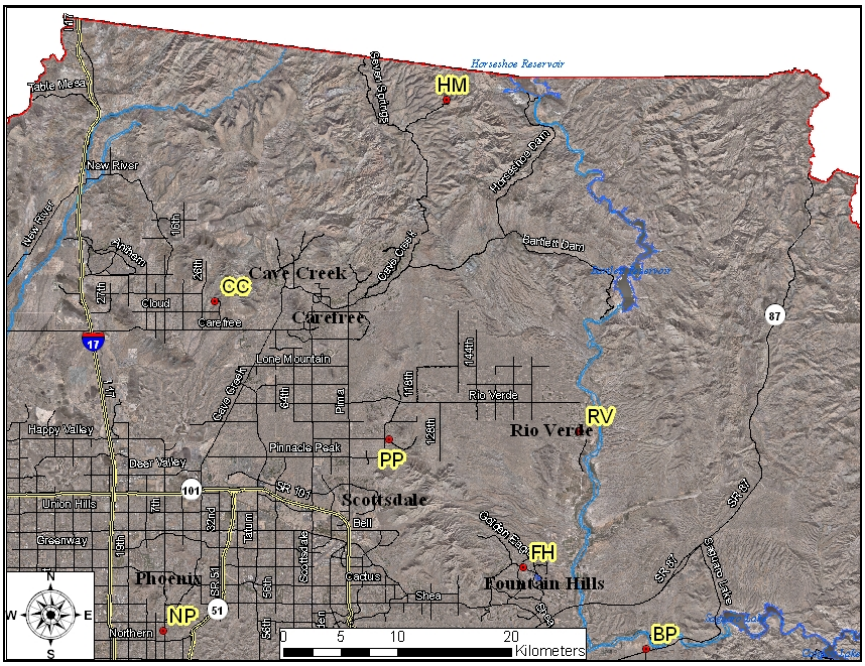
Location: Higley Rd. and Williams Field Rd., Gilbert
Spatial Scale: Neighborhood
Monitoring Objective: Population Exposure

Site Description: Originally, in 1994, ADEQ set up this site to monitor for background particulate concentrations near the urban limits of Maricopa County. Since then, urban expansion has enveloped the site, so it no longer serves its original intended purpose. MCAQD installed a (1-in-6 day) PM_{10} (SLAMS) in the second quarter of 2000. The data from this site was compared to the Chandler site and was found to be comparable. Since the City of Chandler requested that MCAQD remove the Chandler site on 12/31/05, this site has taken over the role of that site. As of October 2004 the 1-in-6 day PM_{10} monitor was replaced with an hourly continuous PM_{10} monitor in accordance with 40 CFR 50, Appendix K. This continuous monitor samples on the neighborhood scale with a monitoring objective of high population exposure.

		2005	2006	2007
PM_{10}	Max. 24-hr PM_{10} Avg. ($\mu g/m^3$)	142	177*‡	230*‡
	Number exceedances 24-hr PM_{10}	0	2‡	5‡
	Annual PM_{10} Avg. ($\mu g/m^3$)	51.4*	60.6	53.0

* Indicates an exceedance of the standard.
‡ Indicates Exceptional Events at this site. Listed value is the highest official current AQS reading.

Humboldt Mountain (HM) (04-013-9508)



Location: Humboldt Mountain Summit
Spatial Scale: Regional
Monitoring Objective: Maximum Ozone Concentrations

Site Description: This site became operational in August 1995. The Humboldt Mountain site is located on Federal Aviation Agency property, in a National Forest Service building in the Tonto National Forest. This site is located approximately 40 miles north-northeast of the Phoenix metropolitan area at an elevation of 5190 feet. Ozone is the only criteria pollutant that is monitored at this seasonal SLAMS site.

		2005	2006	2007
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.088*	.084	.080
	Number of Daily Exceedances >0.085 PPM	5	0	0
	Three year avg. of 4th High	0.084	.081	.081

* Indicates an exceedance of the standard.

Mesa (ME) (04-013-1003)

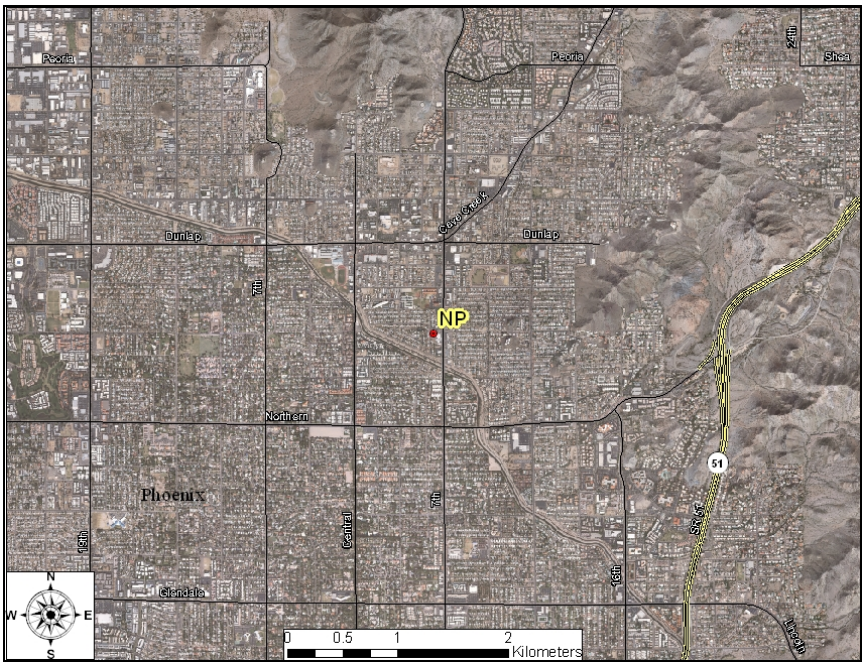
Location: Broadway Rd. and Brooks Ave.
Spatial Scale: Neighborhood
Monitoring Objective: Population Exposure

Site Description: This site is located at Brooks Reservoir at the western edge of the city near the Tempe border. It is centered in an area that contains residential, industrial, and a small amount of agricultural activity. An open field borders the site on the west with commercial development to the north, and light industry east and south of the site. Carbon monoxide, $PM_{2.5}$, and PM_{10} are the criteria pollutants monitored at this SLAMS site. MCAQD started operation of the $PM_{2.5}$ Federal Reference Method monitor in May 2005.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	2.4	2.8	2.0
	Number exceedances 8-hr CO	0	0	0
PM_{10}	Max. 24-hr PM_{10} Avg. ($\mu g/m^3$)	86	75	110
	Number exceedances 24-hr PM_{10}	0	0	0
	Annual PM_{10} Avg. ($\mu g/m^3$)	30	30.5	32.3
$PM_{2.5}$	Max. 24-hr $PM_{2.5}$ Avg. ($\mu g/m^3$)	17.8	29.1	24.3
	Number of Daily Exceedances	0	0	0
	Annual $PM_{2.5}$ Avg. ($\mu g/m^3$)	8.51#	9.66	9.72

# Indicates <75% data completeness.

North Phoenix (NP) (04-013-1004)



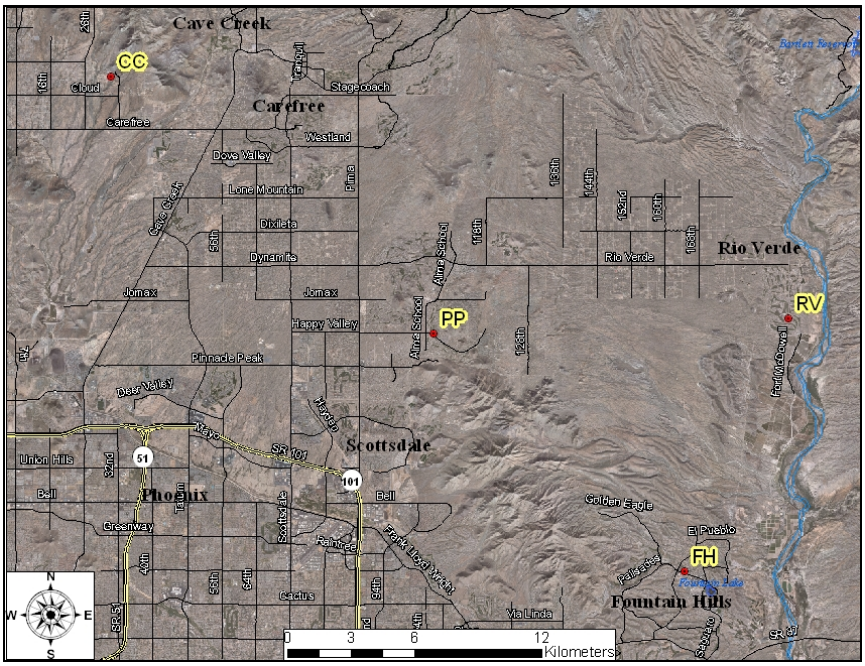
Location: 7th St. and Butler Ave.
Spatial Scale: Neighborhood
Monitoring Objective: Population Exposure

Site Description: This site is located in the Sunnyslope area of North Phoenix. Sunnyslope is an old established neighborhood, primarily residential. High-density population surrounds the site. CO, ozone, and PM_{10} (all SLAMS) are monitored at this site, along with delta temperature (temperature inversion).

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	2.3	2.0	1.7
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.089*	0.094*	0.081
	Number of Daily Exceedances >0.085	3	4	0
	Three year Avg. of 4th High	0.082	0.083	0.082
PM_{10}	Max. 24-hr PM_{10} Avg. ($\mu g/m^3$)	81	79	78
	Number exceedances 24-hr PM_{10}	0	0	0
	Annual PM_{10} Avg. ($\mu g/m^3$)	30	34.4	33.5

* Indicates an exceedance of the standard.

Pinnacle Peak (PP) (04-013-2005)



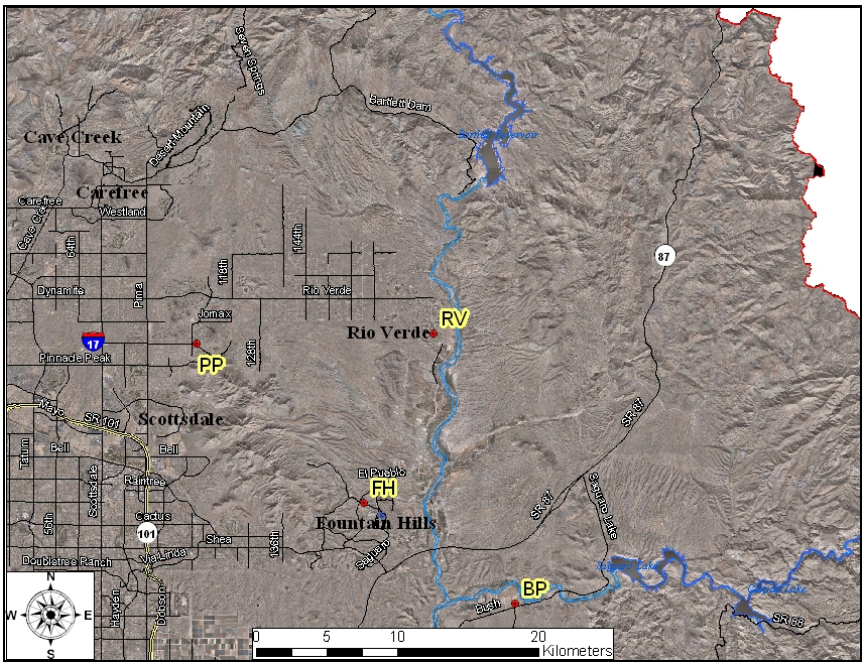
Location: Pima Rd & Pinnacle Peak
Spatial Scale: Urban
Monitoring Objective: Maximum Ozone Concentrations

Site Description: This SLAMS site for ozone is located on the roof of a golf course country club and is surrounded by residential homes. It is located in a geographic area of low-density population (less than 2500 people per square mile). In previous years, ozone exceedances have been recorded due to transport of ozone and precursors from more urbanized areas of metropolitan Phoenix.

		2005	2006	2007
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.085*	0.082	0.076
	Number of Daily Exceedances >0.085	1	0	0
	Three year Avg. of 4th High	0.078	0.075	0.078

***** Indicates an exceedance of the standard

Rio Verde (RV) (04-013-9706)



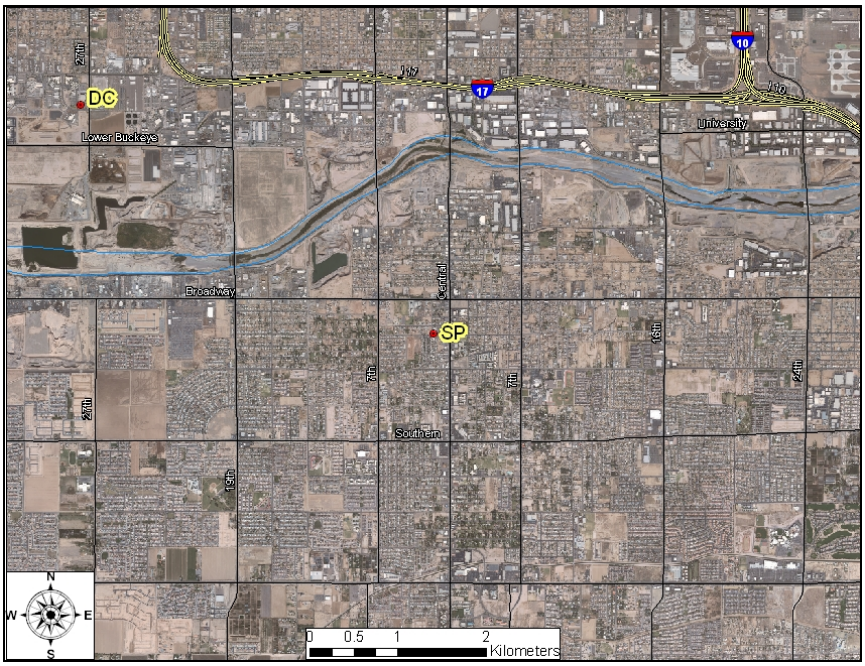
Location: Forest Rd. and Del Ray Ave.
Spatial Scale: Urban
Monitoring Objective: Maximum Ozone Concentrations

Site description: This seasonal ozone site became operational in spring of 1997. The monitor is located at the fire station / County Sheriff's office sub-station located in a residential area surrounded by the desert of Tonto National Forest. The site is eight miles north of the Fountain Hills SLAMS station, on the edge of a Class I Wilderness Area.

		2005	2006	2007
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.093*	0.086*	0.082
	Number of Daily Exceedances >0.085	6	1	0
	Three year Avg. of 4th High	0.079	0.081	0.083

***** Indicates an exceedance of the standard

South Phoenix (SP) (04-013-4003)



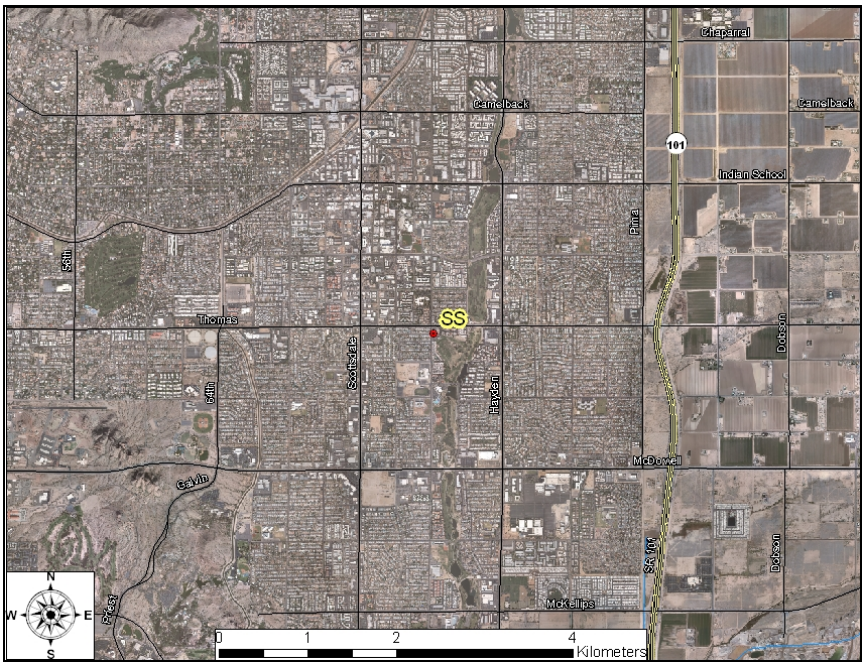
Location: Central Ave. and Broadway Rd.
Spatial Scale: Neighborhood
Monitoring Objective: Population Exposure

Site Description: The site was opened at its current location in October 1999. The site is at the edge of a high population area, but also borders on a mixture of residential and commercial (retail stores, food establishments, and office parks) land use. The station has two high population areas (>5000 people per square miles) north and west of the site. Carbon monoxide, ozone, and PM_{10} (all SLAMS) are the criteria pollutants monitored at this station. MCAQD started operation of a $PM_{2.5}$ Federal Reference Monitor in May 2005.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	3.8	3.2	3.1
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.081	0.075	0.079
	Number of Daily Exceedances >0.085	0	0	0
	Three year Avg. of 4th High	0.075	0.072	0.072
PM_{10}	Max. 24-hr PM_{10} Avg. (µg/m^3)	147	132	171*‡
	Number exceedances 24-hr PM_{10}	0	0	2‡
	Annual PM_{10} Avg. (µg/m^3)	55*	55.0	55.6
$PM_{2.5}$	Max. 24-hr $PM_{2.5}$ Avg. (µg/m^3)	56.7	76.2	32.2
	Number of Daily Exceedances	0	2	0
	Annual $PM_{2.5}$ Avg. (µg/m^3)	11.46	12.69	12.27

* Indicates an exceedance of the standard.
‡ Indicates Exceptional Events at this site. Listed value is the highest official current AQS reading.

South Scottsdale (SS) (04-013-3003)



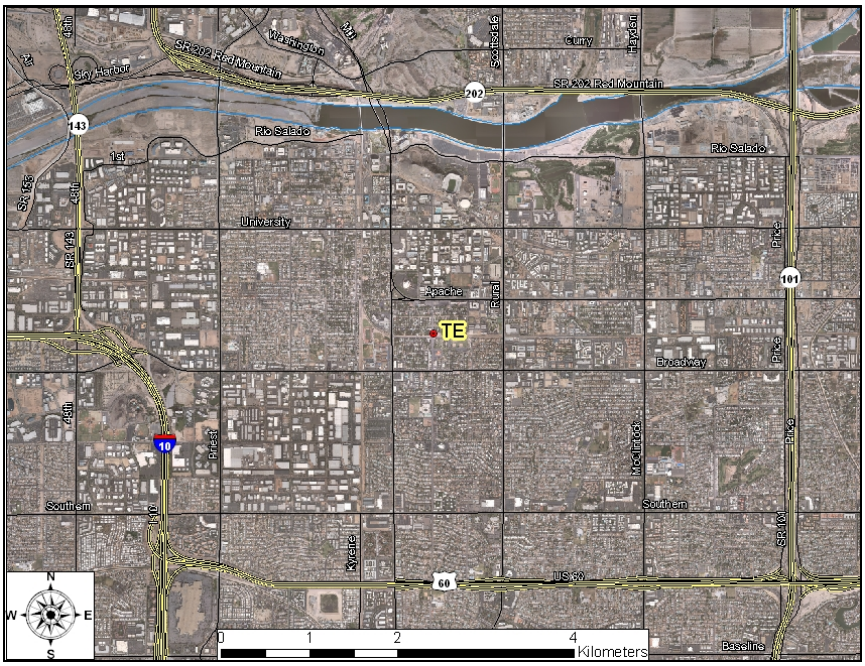
Location: Thomas Rd. and Miller Rd.
Spatial Scale: Neighborhood, Urban (NO2)
Monitoring Objective: Population Exposure

Site Description: The South Scottsdale site is located at a City of Scottsdale Fire Station. The area surrounding the site is residential with a density of 2500 to 5000 persons per square mile. This site is located 12 miles east of metropolitan Central Phoenix. Carbon monoxide, ozone**,** NO_2, SO_2, and PM_{10} (all SLAMS) are the criteria pollutants monitored at this station.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	2.4	2.1	1.6
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.089*	0.086*	.082
	Number of Daily Exceedances >0.085	1	1	0
	Three year Avg. of 4th High	0.076	0.076	0.078
PM_{10}	Max. 24-hr PM_{10} Avg. (µg/m^3)	121	134	73
	Number exceedances 24-hr PM_{10}	0	0	0
	Annual PM_{10} Avg. (µg/m^3)	34	32.9	30.6
Nitrogen Dioxide	Annual NO_2 Avg. (PPM)	0.0196	0.0192	0.0163
Sulfur Dioxide	Max. 24-hr SO_2 Avg. (PPM)	0.006	0.007	0.005
	Number of Exceedances SO_2	0	0	0
	Annual SO_2 Avg. (PPM)	0.0017	0.0021	0.0019

* Indicates an exceedance of the standard.

Tempe (TE) (04-013-4005)



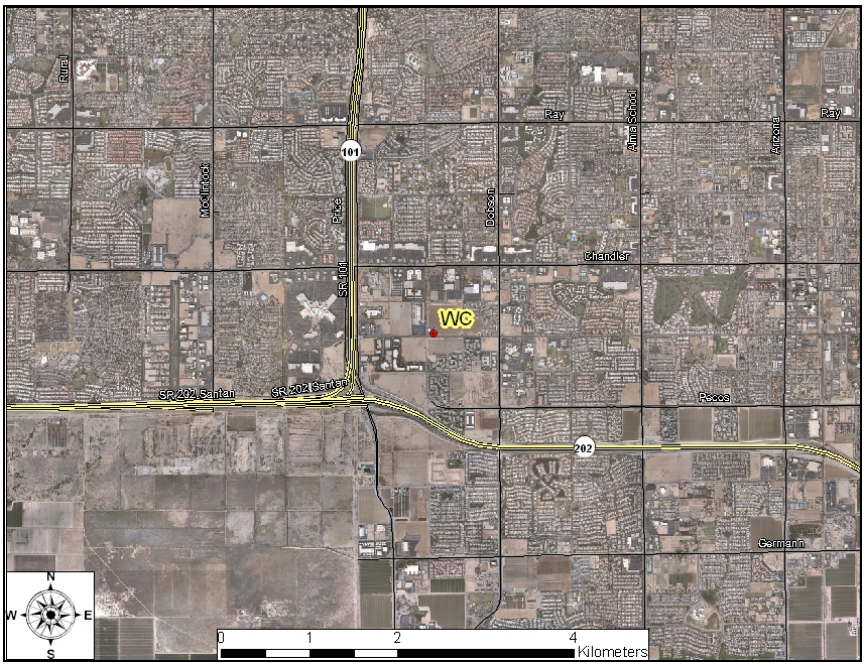
Location: Apache Blvd. & College Ave.
Spatial Scale: Neighborhood
Monitoring Objective: Population Exposure

Site Description: The site was established in 2000. The site was established to fill in a spatial gap between the metropolitan Phoenix area and the city of Mesa. Ozone and carbon monoxide (both SLAMS) are monitored at the site.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	2.6	2.5	2.0
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.086*	0.087*	0.084
	Number of Daily Exceedances >0.085	1	1	0
	Three year Avg. of 4th High	0.076	0.075	0.077

***** Indicates an exceedance of standard.

West Chandler (WC) (04-013-4004)



Location: Frye Rd. and Ellis St.
Spatial Scale: Neighborhood, Middle (PM-10)
Monitoring Objective: Population Exposure

Site Description: This site was first established in January 1995. The site was moved one half mile to the southeast in May 2000. A wide range of land uses surround the site including residential, agriculture, and heavy industry (semiconductor manufacturing plants and liquid air storage). Carbon monoxide, ozone, and PM_{10} are the criteria pollutants monitored at this SLAMS site.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	2.4	2.2	2.0
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.082	0.089*	0.084
	Number of Daily Exceedances >0.085	0	2	0
	Three year Avg. of 4th High	0.076	0.075	0.076
PM_{10}	Max. 24-hr PM_{10} Avg. (µg/m^3)	94	77	104
	Number exceedances 24-hr PM_{10}	0	0	0
	Annual PM_{10} Avg. (µg/m^3)	34	33.3	36.4

* Indicates an exceedance of the standard.

West 43rd Avenue (WF) (04-013-4009)

Location: 43rd Ave. & Broadway Rd.
Spatial Scale: Middle
Monitoring Objective: Highest Concentrations

Site Description: Monitoring began at the site in the 2nd quarter of 2002. This site is located at a Maricopa County Department of Transportation storage lot. The site is surrounded by a combination of heavy industry and residential homes. The site has one continuous TEOM PM_{10} monitor and a temperature inversion monitor, as well as other meteorological instruments. The main purpose of the site is to measure maximum concentration PM_{10} and to determine the impact on ambient pollution levels of significant sources or source categories. The sources around the site include sand and gravel operations, auto and metal recycling, landfills, paved and unpaved haul roads, and cement casting.

		2005	2006	2007
PM_{10}	Max. 24-hr PM_{10} Avg. ($\mu g/m^3$)	233*	260*‡	227*‡
	Number exceedances 24-hr PM_{10}	13	18	6‡
	Annual PM_{10} Avg. ($\mu g/m^3$)	74*	79.9	71.8

* Indicates an exceedance of the standard.
‡ Indicates Exceptional Events at this site. Listed value is the highest official current AQS reading.

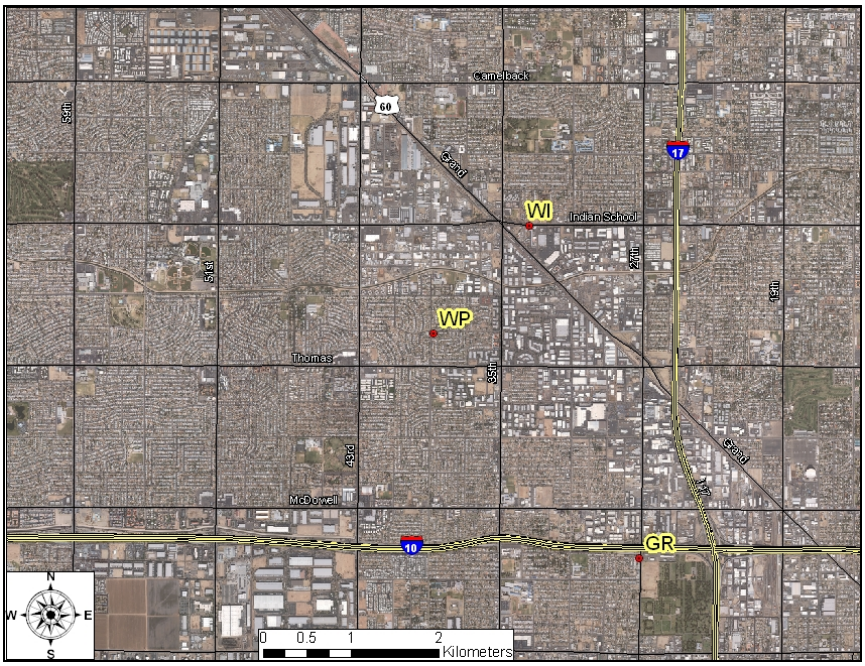
West Indian School Road (WI) (04-013-0016)

Location: Frye Rd. and Ellis St.
Spatial Scale: Neighborhood, Middle (PM-10)
Monitoring Objective: Population Exposure

Site Description: This site is located at the City of Phoenix Firefighter Training Center. This site was opened in December 1980 and is used to monitor micro-scale maximum concentrations and is based on high vehicular traffic. The Average Weekday Traffic (AWT) volume past this location on Indian School Road is estimated to be approximately 55,000 vehicles/day. The site is also in close proximity to Grand Ave. and 35th Ave., which have AWT volumes of about 35,000 vehicles/day. Carbon monoxide is monitored at this SLAMS site. There is current discussion regarding closing this site. The data collected at this site is very similar to that collected at the nearby West Phoenix site, which is neighborhood scale and just under 2 kilometers away. This implies that this micro-scale site is no longer necessary as this area is representative of the other neighborhood scale site.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	5.3	5.3	5.0
	Number exceedances 8-hr CO	0	0	0

West Phoenix (WP) (04-013-0019)



Location: 39th Ave. and Earll Dr.
Spatial Scale: Neighborhood
Monitoring Objective: Population Exposure,
Highest Concentration ($PM_{2.5}$)

Site Description: This site became operational in 1984. It is located about one-mile southwest of the West Indian School Road micro-scale CO monitor. The spatial scale for the West Phoenix site is neighborhood. It is located in an area of stable, high-density residential population. Carbon monoxide, PM_{10}, ozone, and NO_2 (All SLAMS) are the criteria pollutants monitored at this site. MCAQD also operates collocated $PM_{2.5}$ FRM monitors and a continuous $PM_{2.5}$ monitor (SLAMS) at this site.

		2005	2006	2007
Carbon Monoxide	Max. 8-hr CO Avg. (PPM)	5.8	5.0	4.6
	Number exceedances 8-hr CO	0	0	0
Ozone	Max. 8-hr O_3 Avg. (PPM)	0.072	0.096*	0.079
	Number of Daily Exceedances >0.085	0	3	0
	Three year Avg. of 4th High	0.072	0.074	0.074
PM_{10}	Max. 24-hr PM_{10} Avg. ($\mu g/m^3$)	155*	147	124
	Number exceedances 24-hr PM_{10}	1	0	0
	Annual PM_{10} Avg. ($\mu g/m^3$)	45	49.8	47.0
$PM_{2.5}$	Max. 24-hr $PM_{2.5}$ Avg. ($\mu g/m^3$)	39.2	76.7*	33.0
	Number of Daily Exceedances	0	2	0
	Annual $PM_{2.5}$ Avg. ($\mu g/m^3$)	11.08	13.52	10.89
Nitrogen Dioxide	Annual NO_2 Avg. (PPM)	0.0235	0.0238	0.0209

* Indicates an exceedance of the standard.

APPENDIX II - EPA REQUIRED DATA

Details compliance with requirements of 40CFR58 §58.10 and Appendices A, C, D, and E

Required General Information on Monitoring Network

Pollutant	MSA	MSA Population*	Design Value	#Monitors Required	#Monitors Operating**
Carbon Monoxide	6200 Phoenix-Mesa	3,251,876	1-Hour: 7.7 ppm 8-Hour: 4.6 ppm	0	13
Ozone	6200 Phoenix-Mesa	3,251,876	0.08 ppm	2	17
Nitrogen Dioxide	6200 Phoenix-Mesa	3,251,876	0.029 ppm	0	5
$PM_{2.5}$	6200 Phoenix-Mesa	3,251,876	24-hour: 32.2 µg/m^3 Annual: 12.4 µg/m^3	3	3
$PM_{2.5}$ Continuous Monitors	6200 Phoenix-Mesa	3,251,876	N/A	2	2
PM_{10}	6200 Phoenix-Mesa	3,251,876	267 µg/m^3	6-10	17
Sulfur Dioxide	6200 Phoenix-Mesa	3,251,876	3-hour: 0.011 ppm 24-hour: 0.007 ppm Annual: 0.0019 ppm	0	2

*Based on the 2000 United States census.
**Only includes monitors operated by MCAQD; does not include monitors operated by other agencies within the MSA.

Required General Statement Regarding Changes to the $PM_{2.5}$ Network

In the event that MCAQD needed to move or change a violating $PM_{2.5}$ monitor the following procedure would be followed: MCAQD would hold a public hearing regarding the requested change. Details and documentation of the requested change, as well as all public comments, would then be forwarded to the EPA for approval. Any action on MCAQD's part will be dependent on EPA approval.

Please note that the previous statement is general in nature and is required to be placed in the annual network review by 40CFR58. MCAQD does not currently have any violating $PM_{2.5}$ monitors, nor do we have any proposals to move any $PM_{2.5}$ monitors.

Notes regarding appendix data

Analysis Method refers to the method used to process filter-based particulate samples.

Distance from Supporting Structure refers to those sample probes that are attached to a supporting structure, such as the side of a building. In most cases the sample probe is located above the supporting structure, in which case the entry will say N/A.

Distance from Obstructions refers to those obstructions, both on the roof and off the roof, which are located higher than the probe. In the case of a nearby obstruction being higher than the probe, details of its location will be listed in the entry. If there are no obstructions higher than the probe, then the entry will be N/A.

BLUE POINT
County ID: BP
AQS ID: 04-013-9702
Address: Bush Highway & Usery Pass Road, Maricopa County
Coordinates: 33.54549N – 111.60925W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**Ozone**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	27
# Precision Checks Passing (Percentage)	27 (100%)
# Accuracy Checks Performed Annually	3
# Accuracy Checks Passing (Percentage)	3 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly
Frequency of Flow Rate Verification	N/A
Last Annual Performance Evaluation Date	10/22/07
Last Two Semi-Annual Flow Rate Audit Dates	N/A
-Appendix C Requirements	
Sampler Make & Model	API M400
Date Established	01/01/1993
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Max Ozone Concentration
Monitoring Scale	Urban
Sampling Season	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	5.3 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	N/A
Distance to Furnace Flue	N/A
Spacing from Trees	N/A
Nearest Major Roadway	Bush Highway
Distance and Direction to Road	160 meters, South
Traffic Count (ADT)	1000
Groundcover	Paved

BUCKEYE

County ID: BE
AQS ID: 04-013-4011
Address: 26449 W 100th DR, Buckeye
Coordinates: 33.37005N – 111.62070W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information				
Pollutant/Monitor Type	**Ozone**	**CO**	**NO_2**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	Continuous	Continuous
Analysis Method	N/A	N/A	N/A	N/A
Any Proposal to Remove or Move Monitor?	No	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A	N/A
-Appendix A Requirements				
# Precision Checks Performed Annually	18	15	26	26
# Precision Checks Passing (Percentage)	18 (100%)	15 (100%)	25 (96%)	26 (100%)
# Accuracy Checks Performed Annually	3	2	6	3
# Accuracy Checks Passing (Percentage)	3 (100%)	2 (100%)	4 (67%)	3 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	Bi-Weekly	N/A
Frequency of Flow Rate Verification	N/A	N/A	N/A	Bi-Weekly
Last Annual Performance Evaluation Date	10/09/07	9/24/07	11/01/0	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	N/A	3/21/07, 7/24/07
-Appendix C Requirements				
Sampler Make & Model	API M400	API M300	API M200	R&P TEOM
Date Established	08/01/2004	08/01/2004	08/01/2004	08/01/2004
Classification	SLAMS	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM	FEM
-Appendix D Requirements				
Monitoring Objective	Population Exposure	Population Exposure	Source Oriented	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Urban	Neighborhood
Sampling Season	Apr-Oct	Sep-Mar	Jan-Dec	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes	Yes
-Appendix E Requirements				
Distance between collocated samplers	N/A	N/A	N/A	N/A
Probe Inlet Height	4 meters	4 meters	4 meters	4.5 meters
Airflow Arc	360º	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A	N/A
Spacing from Trees	14 meters, N	14 meters, N	14 meters, N	14 meters, N
Nearest Major Roadway	US Hwy 85	US Hwy 85	US Hwy 85	US Hwy 85
Distance and Direction to Road	31 meters, N	31 meters, N	31 meters, N	31 meters, N
Traffic Count (ADT)	3000	3000	3000	3000
Groundcover	Paved	Paved	Paved	Paved

CAVE CREEK

County ID: CC
AQS ID: 04-013-4008
Address: 37019 N Lava Lane, Phoenix
Coordinates: 33.82169N – 112.01739W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**Ozone**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	16
# Precision Checks Passing (Percentage)	16 (100%)
# Accuracy Checks Performed Annually	4
# Accuracy Checks Passing (Percentage)	4 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly
Frequency of Flow Rate Verification	N/A
Last Annual Performance Evaluation Date	9/18/07
Last Two Semi-Annual Flow Rate Audit Dates	N/A
-Appendix C Requirements	
Sampler Make & Model	API M400
Date Established	07/20/2001
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Max Ozone Concentration
Monitoring Scale	Urban
Sampling Season	Apr-Oct
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	4.8 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	N/A
Distance to Furnace Flue	N/A
Spacing from Trees	20 meters, E
Nearest Major Roadway	32nd Street
Distance and Direction to Road	240 meters, NE
Traffic Count (ADT)	1000
Groundcover	Paved

CENTRAL PHOENIX

County ID: CP
AQS ID: 04-013-3002
Address: 1645 E Roosevelt, Phoenix
Coordinates: 33.45793N - 112.04601W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information					
Pollutant/Monitor Type	**Ozone**	**CO**	**NO_2**	**SO_2**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	Continuous	Continuous	Continuous
Analysis Method	N/A	N/A	N/A	N/A	N/A
Any Proposal to Remove or Move Monitor?	No	No	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A	N/A	N/A
-Appendix A Requirements					
# Precision Checks Performed Annually	26	25	25	27	31
# Precision Checks Passing (Percentage)	26 (100%)	25 (100%)	24 (96%)	27 (100%)	31 (100%)
# Accuracy Checks Performed Annually	3	3	4	4	3
# Accuracy Checks Passing (Percentage)	3 (100%)	3 (100%)	4 (100%)	4 (100%)	3 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	Bi-Weekly	Bi-Weekly	N/A
Frequency of Flow Rate Verification	N/A	N/A	N/A	N/A	Bi-Weekly
Last Annual Performance Evaluation Date	8/22/07	9/27/07	11/23/07	08/02/07	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	N/A	N/A	3/21/07, 7/23/07
-Appendix C Requirements					
Sampler Make & Model	API M400	API M300	API M200	API M100	R&P TEOM
Date Established	06/01/1967	10/01/1966	01/01/1967	01/01/1965	04/01/1985
Classification	SLAMS	SLAMS	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM	FEM	FEM
-Appendix D Requirements					
Monitoring Objective	Population Exposure	Population Exposure	Highest Concentration	Highest Concentration	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Sampling Season	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes	Yes	Yes
-Appendix E Requirements					
Distance between collocated samplers	N/A	N/A	N/A	N/A	N/A
Probe Inlet Height	11.3 meters	11.3 meters	11.3 meters	11.3 meters	11.3 meters
Airflow Arc	360º	360º	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A	N/A	N/A
Spacing from Trees	N/A	N/A	N/A	N/A	N/A
Nearest Major Roadway A	16th Street	16th Street	16th Street	16th Street	16th Street
Distance and Direction to Road	88 meters, W	88 meters, W	88 meters, W	88 meters, W	91 meters, W
Traffic Count (ADT)	24000	24000	24000	24000	24000
Nearest Major Roadway B	Roosevelt St.	Roosevelt St.	Roosevelt St.	Roosevelt St.	Roosevelt St.
Distance and Direction to Road	75 meters, N	75 meters, N	75 meters, N	75 meters, N	75 meters, N
Traffic Count (ADT)	Unknown	Unknown	Unknown	Unknown	Unknown
Groundcover	Paved	Paved	Paved	Paved	Paved

COYOTE LAKES

County ID: CL
AQS ID: 04-013-4014
Address:20010 N Coyote Lakes Pkwy, Surprise
Coordinates: 33.666284N – 112.31042W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**PM_{10}**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	19
# Precision Checks Passing (Percentage)	19 (100%)
# Accuracy Checks Performed Annually	1
# Accuracy Checks Passing (Percentage)	1 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	N/A
Frequency of Flow Rate Verification	Bi-Weekly
Last Annual Performance Evaluation Date	N/A
Last Two Semi-Annual Flow Rate Audit Dates	7/30/07
-Appendix C Requirements	
Sampler Make & Model	R&P TEOM
Date Established	04/02/2007
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Source Oriented
Monitoring Scale	Middle Scale
Sampling Season	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	2.6 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	N/A
Distance to Furnace Flue	N/A
Spacing from Trees	N/A
Nearest Major Roadway	Coyote Lakes Pkwy
Distance and Direction to Road	54 meters, E
Traffic Count (ADT)	Unknown (residential street)
Groundcover	Gravel/Dirt

DURANGO COMPLEX

County ID: DC
AQS ID: 04-013-9812
Address: 2702 RC Esterbrooks Blvd, Phoenix
Coordinates: 33.42650N -112.11814W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information		
Pollutant/Monitor Type	**PM_{10}**	**$PM_{2.5}$**
Sampling Schedule	Continuous	Continuous
Analysis Method	N/A	N/A
Any Proposal to Remove or Move Monitor?	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	Yes
-Appendix A Requirements		
# Precision Checks Performed Annually	28	32
# Precision Checks Passing (Percentage)	28 (100%)	32 (100%)
# Accuracy Checks Performed Annually	4	2
# Accuracy Checks Passing (Percentage)	4 (100%)	2 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	N/A	N/A
Frequency of Flow Rate Verification	Bi-Weekly	Bi-Weekly
Last Annual Performance Evaluation Date	N/A	N/A
Last Two Semi-Annual Flow Rate Audit Dates	7/25/07, 11/26/07	7/25/07, 11/26/07
-Appendix C Requirements		
Sampler Make & Model	R&P TEOM	R&P FDMS-TEOM
Date Established	07/01/1999	07/01/2005
Classification	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	None
-Appendix D Requirements		
Monitoring Objective	Highest Concentration	Highest Concentration
Monitoring Scale	Middle	Middle
Sampling Season	Jan-Dec	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes
-Appendix E Requirements		
Distance between collocated samplers	N/A	N/A
Probe Inlet Height	3.9 meters	4.8 meters
Airflow Arc	360º	360º
Distance from Supporting Structure	N/A	N/A
Distance from Obstructions	N/A	N/A
Distance to Furnace Flue	N/A	N/A
Spacing from Trees	14 meters, S	14 meters, S
Nearest Major Roadway	27th Ave	27th Ave
Distance and Direction to Road	78 meters, E	76 meters, E
Traffic Count (ADT)	16000	16000
Groundcover	Paved	Paved

DYSART

County ID: DY
AQS ID: 04-013-4010
Address: 16825 N Dysart Rd, Surprise
Coordinates: 33.63713N – 112.34184W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information			
Pollutant/Monitor Type	**Ozone**	**CO**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	1 in 6 days
Analysis Method	N/A	N/A	Filters weighed in-house
Any Proposal to Remove or Move Monitor?	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A
-Appendix A Requirements			
# Precision Checks Performed Annually	16	13	N/A
# Precision Checks Passing (Percentage)	16 (100%)	13 (100%)	N/A
# Accuracy Checks Performed Annually	3	2	2
# Accuracy Checks Passing (Percentage)	3 (100%)	2 (100%)	2 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	N/A
Frequency of Flow Rate Verification	N/A	N/A	Monthly
Last Annual Performance Evaluation Date	9/17/07	09/19/07	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	3/28/07, 11/05/07
-Appendix C Requirements			
Sampler Make & Model	API M400	API M300	Anderson SSI
Date Established	7/21/2003	09/01/2003	07/14/2003
Classification	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM
-Appendix D Requirements			
Monitoring Objective	Population Exposure	Population Exposure	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Neighborhood
Sampling Season	Apr-Oct	Sep-Mar	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes
-Appendix E Requirements			
Distance between collocated samplers	N/A	N/A	N/A
Probe Inlet Height	3.3 meters	3.3 meters	2.6 meters
Airflow Arc	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A
Spacing from Trees	N/A	N/A	N/A
Nearest Major Roadway A	Dysart	Dysart	Dysart
Distance and Direction to Road	17 meters, W	17 meters, W	12 meters, W
Traffic Count (ADT)	12000	12000	12000
Nearest Major Roadway B	Bell Rd	Bell Rd	Bell Rd
Distance and Direction to Road	495 meters, N	495 meters, N	460 meters, N
Traffic Count (ADT)	43000	43000	43000
Groundcover	Paved/Gravel	Paved/Gravel	Paved/Gravel

FALCON FIELD

County ID: FF
AQS ID: 04-013-1010
Address: 4530 E McKellips Rd, Mesa
Coordinates: 33.45223N – 111.73331W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**Ozone**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	16
# Precision Checks Passing (Percentage)	16 (100%)
# Accuracy Checks Performed Annually	2
# Accuracy Checks Passing (Percentage)	2 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly
Frequency of Flow Rate Verification	N/A
Last Annual Performance Evaluation Date	10/10/07
Last Two Semi-Annual Flow Rate Audit Dates	N/A
-Appendix C Requirements	
Sampler Make & Model	API M400
Date Established	06/01/1989
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Population Exposure
Monitoring Scale	Neighborhood
Sampling Season	Apr-Oct
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	9.3 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	N/A
Distance to Furnace Flue	N/A
Spacing from Trees	N/A
Nearest Major Roadway	McKellips
Distance and Direction to Road	58 meters, S
Traffic Count (ADT)	29000
Groundcover	Paved

FOUNTAIN HILLS

County ID: FH
AQS ID: 04-013-9704
Address: 16426 E Palisades Blvd, Fountain Hills
Coordinates: 33.61103N – 111.72529W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**Ozone**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	26
# Precision Checks Passing (Percentage)	26 (100%)
# Accuracy Checks Performed Annually	3
# Accuracy Checks Passing (Percentage)	3 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly
Frequency of Flow Rate Verification	N/A
Last Annual Performance Evaluation Date	9/24/07
Last Two Semi-Annual Flow Rate Audit Dates	N/A
-Appendix C Requirements	
Sampler Make & Model	API M400
Date Established	04/01/1996
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Max Ozone Concentration
Monitoring Scale	Neighborhood
Sampling Season	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	4.3 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	Canopy 1 meter higher than probe, located 9 meters to the south
Distance to Furnace Flue	N/A
Spacing from Trees	15 meters, W
Nearest Major Roadway	Palisades Blvd
Distance and Direction to Road	70 meters, SW
Traffic Count (ADT)	8000
Groundcover	Paved

GLENDALE

County ID: GL
AQS ID: 04-013-2001
Address: 6001 W Olive, Glendale
Coordinates: 33.56936N – 112.19153W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information			
Pollutant/Monitor Type	**Ozone**	**CO**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	1 in 6 day
Analysis Method	N/A	N/A	Filters Weighed In-House
Any Proposal to Remove or Move Monitor?	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A
-Appendix A Requirements			
# Precision Checks Performed Annually	17	14	N/A
# Precision Checks Passing (Percentage)	17 (100%)	14 (100%)	N/A
# Accuracy Checks Performed Annually	3	1	2
# Accuracy Checks Passing (Percentage)	3 (100%)	1 (100%)	2 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	N/A
Frequency of Flow Rate Verification	N/A	N/A	Monthly
Last Annual Performance Evaluation Date	09/10/07	02/01/07	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	3/28/07, 11/5/07
-Appendix C Requirements			
Sampler Make & Model	API M400	API M300	Anderson SSI
Date Established	01/01/1974	01/01/1974	07/01/1987
Classification	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM
-Appendix D Requirements			
Monitoring Objective	Population Exposure	Population Exposure	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Neighborhood
Sampling Season	Apr-Oct	Sep-Mar	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes
-Appendix E Requirements			
Distance between collocated samplers	N/A	N/A	N/A
Probe Inlet Height	6.0 meters	6.0 meters	7.4 meters
Airflow Arc	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A
Spacing from Trees	N/A	N/A	N/A
Nearest Major Roadway A	Olive Ave	Olive Ave	Olive Ave
Distance and Direction to Road	225 meters, S	225 meters, S	227 meters, S
Traffic Count (ADT)	25000	25000	25000
Nearest Major Roadway B	59th Ave	59th Ave	59th Ave
Distance and Direction to Road	475 meters, E	475 meters, E	430 meters, E
Traffic Count (ADT)	30500	30500	30500
Groundcover	Paved	Paved	Paved

GREENWOOD

County ID: GR
AQS ID: 04-013-3010
Address: 1128 N 27th Ave., Phoenix
Coordinates: 33.46093N – 112.11748W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information			
Pollutant/Monitor Type	**CO**	**NO_2**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	Continuous
Analysis Method	N/A	N/A	N/A
Any Proposal to Remove or Move Monitor?	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A
-Appendix A Requirements			
# Precision Checks Performed Annually	26	26	26
# Precision Checks Passing (Percentage)	26 (100%)	26 (100%)	26 (100%)
# Accuracy Checks Performed Annually	4	4	5
# Accuracy Checks Passing (Percentage)	4 (100%)	4 (100%)	5 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	N/A
Frequency of Flow Rate Verification	N/A	N/A	Bi-Weekly
Last Annual Performance Evaluation Date	12/19/07	12/19/07	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	8/29/07, 9/5/07
-Appendix C Requirements			
Sampler Make & Model	API M300	API M200	R&P TEOM
Date Established	11/01/1993	11/01/1993	11/01/1993
Classification	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FRM	FRM	FEM
-Appendix D Requirements			
Monitoring Objective	Population Exposure	Population Exposure	Population Exposure
Monitoring Scale	Middle	Middle	Middle
Sampling Season	Jan-Dec	Jan-Dec	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes
-Appendix E Requirements			
Distance between collocated samplers	N/A	N/A	N/A
Probe Inlet Height	4.2 meters	4.2 meters	4.4 meters
Airflow Arc	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A
Spacing from Trees	20 meters, NW	20 meters, NW	20 meters, NW
Nearest Major Roadway A	27th Ave	27th Ave	27th Ave
Distance and Direction to Road	10 meters, E	10 meters, E	10 meters, E
Traffic Count (ADT)	18500	18500	18500
Nearest Major Roadway B	I-10	I-10	I-10
Distance and Direction to Road	85 meters, N	85 meters, N	85 meters, N
Traffic Count (ADT)	229000	229000	229000
Groundcover	Paved	Paved	Paved

HIGLEY

County ID: HI
AQS ID: 04-013-4006
Address: 15400 South Higley Road, Gilbert
Coordinates: 33.31074N – 111.72255W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**PM_{10}**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	27
# Precision Checks Passing (Percentage)	27 (100%)
# Accuracy Checks Performed Annually	2
# Accuracy Checks Passing (Percentage)	2 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	N/A
Frequency of Flow Rate Verification	Bi-Weekly
Last Annual Performance Evaluation Date	N/A
Last Two Semi-Annual Flow Rate Audit Dates	2/02/07, 8/28/07
-Appendix C Requirements	
Sampler Make & Model	R&P TEOM
Date Established	07/01/2000
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Population Exposure
Monitoring Scale	Neighborhood
Sampling Season	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	2.9 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	N/A
Distance to Furnace Flue	N/A
Spacing from Trees	N/A
Nearest Major Roadway A	Higley Rd
Distance and Direction to Road	117 meters, E
Traffic Count (ADT)	11500
Nearest Major Roadway B	Williams Field Rd
Distance and Direction to Road	410 meters, S
Traffic Count (ADT)	11500
Groundcover	Paved

HUMBOLDT MOUNTAIN

County ID: HM
AQS ID: 04-013-9508
Address: Seven Springs Rd-FAA Radar Station, Tonto National Forest
Coordinates: 33.98280N – 111.79870W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**Ozone**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	18
# Precision Checks Passing (Percentage)	18 (100%)
# Accuracy Checks Performed Annually	3
# Accuracy Checks Passing (Percentage)	3 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly
Frequency of Flow Rate Verification	N/A
Last Annual Performance Evaluation Date	8/28/07
Last Two Semi-Annual Flow Rate Audit Dates	N/A
-Appendix C Requirements	
Sampler Make & Model	API M400
Date Established	01/01/1993
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Max Ozone Concentration
Monitoring Scale	Regional
Sampling Season	Apr-Oct
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	4.5 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	N/A
Distance to Furnace Flue	N/A
Spacing from Trees	N/A
Nearest Major Roadway	N/A (Remote mountaintop site, only reachable by small access road)
Distance and Direction to Road	N/A
Traffic Count (ADT)	N/A
Groundcover	Dirt/Vegetated

MESA

County ID: ME
AQS ID: 04-013-1003
Address: 310 S Brooks, Mesa
Coordinates: 33.41045N – 111.86507W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information			
Pollutant/Monitor Type	**CO**	**$PM_{2.5}$**	**PM_{10}**
Sampling Schedule	Continuous	1 in 3 day	1 in 6 day
Analysis Method	N/A	Filters Weighed In-House	Filters Weighed In-house
Any Proposal to Remove or Move Monitor?	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	Yes	N/A
-Appendix A Requirements			
# Precision Checks Performed Annually	18	N/A	60
# Precision Checks Passing (Percentage)	18 (100%)	N/A	60 (100%)
# Accuracy Checks Performed Annually	3	1	1
# Accuracy Checks Passing (Percentage)	3 (100%)	1 (100%)	1(100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	N/A	N/A
Frequency of Flow Rate Verification	N/A	Every 6 Weeks	Monthly
Last Annual Performance Evaluation Date	10/10/07	N/A	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	4/5/07	03/23/07
-Appendix C Requirements			
Sampler Make & Model	API M400	R&P 2025	Anderson SSI
Date Established	01/01/1978	04/28/2005	01/23/1990
Classification	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM
-Appendix D Requirements			
Monitoring Objective	Population Exposure	Population Exposure	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Neighborhood
Sampling Season	Sep-Mar	Jan-Dec	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes
-Appendix E Requirements			
Distance between collocated samplers	N/A	N/A	3.3 meters
Probe Inlet Height	7 meters	6.9 meters	6.2 meters
Airflow Arc	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A
Spacing from Trees	N/A	N/A	N/A
Nearest Major Roadway	Broadway Rd.	Broadway Rd.	Broadway Rd.
Distance and Direction to Road	305 meters, S	305 meters, S	305 meters, S
Traffic Count (ADT)	33000	33000	33000
Groundcover	Paved/Gravel	Paved/Gravel	Paved/Gravel

NORTH PHOENIX
County ID: NP
AQS ID: 04-013-1004
Address: 601 E Butler Dr., Phoenix
Coordinates: 33.56033N – 112.06626W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information			
Pollutant/Monitor Type	**Ozone**	**CO**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	1 in 6 day
Analysis Method	N/A	N/A	Filters Weighed In-House
Any Proposal to Remove or Move Monitor?	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A
-Appendix A Requirements			
# Precision Checks Performed Annually	25	12	N/A
# Precision Checks Passing (Percentage)	25 (100%)	12 (100%)	N/A
# Accuracy Checks Performed Annually	3	2	0
# Accuracy Checks Passing (Percentage)	3 (100%)	2 (100%)	N/A
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	N/A
Frequency of Flow Rate Verification	N/A	N/A	Monthly
Last Annual Performance Evaluation Date	08/06/07	01/23/07	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	N/A
-Appendix C Requirements			
Sampler Make & Model	API M400	API M300	Anderson SSI
Date Established	01/01/1975	01/01/1974	01/05/1990
Classification	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM
-Appendix D Requirements			
Monitoring Objective	Population Exposure	Population Exposure	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Neighborhood
Sampling Season	Jan-Dec	Sep-Mar	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes
-Appendix E Requirements			
Distance between collocated samplers	N/A	N/A	N/A
Probe Inlet Height	4.6 meters	4.6 meters	4.4 meters
Airflow Arc	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A
Spacing from Trees	N/A	N/A	N/A
Nearest Major Roadway	7^{th} Street	7^{th} Street	7^{th} Street
Distance and Direction to Road	75 meters, E	75 meters, E	75 meters, E
Traffic Count (ADT)	32000	32000	32000
Groundcover	Gravel	Gravel	Gravel

PINNACLE PEAK

County ID: PP
AQS ID: 04-013-2005
Address: 25000 N Windy Walk, Scottsdale
Coordinates: 33.71231N – 111.85272W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**Ozone**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	26
# Precision Checks Passing (Percentage)	26 (100%)
# Accuracy Checks Performed Annually	3
# Accuracy Checks Passing (Percentage)	3 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly
Frequency of Flow Rate Verification	N/A
Last Annual Performance Evaluation Date	9/26/07
Last Two Semi-Annual Flow Rate Audit Dates	N/A
-Appendix C Requirements	
Sampler Make & Model	API M400
Date Established	02/01/1988
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Max Ozone Concentration
Monitoring Scale	Urban
Sampling Season	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	11.9 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	N/A
Distance to Furnace Flue	N/A
Spacing from Trees	N/A
Nearest Major Roadway	Happy Valley Rd.
Distance and Direction to Road	61 meters, S
Traffic Count (ADT)	16000
Groundcover	Paved/Grass

RIO VERDE

County ID: RV
AQS ID: 04-013-9706
Address: 25608 N Forest Rd., Rio Verde
Coordinates: 33.71881N – 111.67183W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**Ozone**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	17
# Precision Checks Passing (Percentage)	17 (100%)
# Accuracy Checks Performed Annually	3
# Accuracy Checks Passing (Percentage)	3 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly
Frequency of Flow Rate Verification	N/A
Last Annual Performance Evaluation Date	7/03/07
Last Two Semi-Annual Flow Rate Audit Dates	N/A
-Appendix C Requirements	
Sampler Make & Model	API M400
Date Established	01/01/1997
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Max Ozone Concentration
Monitoring Scale	Urban
Sampling Season	Apr-Oct
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	6.2 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	N/A
Distance to Furnace Flue	N/A
Spacing from Trees	16 meters, S
Nearest Major Roadway	Forest Rd
Distance and Direction to Road	43 meters, E
Traffic Count (ADT)	Unknown
Groundcover	Paved

SOUTH PHOENIX

County ID: SP
AQS ID: 04-013-4003
Address: 33 W Tamarisk, Phoenix
Coordinates: 33.40316N – 112.07533W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information					
Pollutant/Monitor Type	**Ozone**	**CO**	**$PM_{2.5}$**	**PM_{10}**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	1 in 3 day	1 in 6 day	Continuous
Analysis Method	N/A	N/A	Filters Weighed In-House	Filters Weighed In-House	N/A
Any Proposal to Remove or Move Monitor?	No	No	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A	N/A	N/A
-Appendix A Requirements					
# Precision Checks Performed Annually	27	16	N/A	N/A	12
# Precision Checks Passing (Percentage)	26 (96%)	16 (100%)	N/A	N/A	12 (100%)
# Accuracy Checks Performed Annually	3	2	0	0*	0*
# Accuracy Checks Passing (Percentage)	3 (100%)	2 (100%)	N/A	0	0
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	N/A	N/A	N/A
Frequency of Flow Rate Verification	N/A	N/A	Every 6 Weeks	Monthly	Bi-Monthly
Last Annual Performance Evaluation Date	10/10/07	10/10/07	N/A	N/A	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	N/A	N/A	N/A
-Appendix C Requirements					
Sampler Make & Model	API M400	API M300	R&P 2025	Anderson SSI	R&P TEOM
Date Established	10/01/1999	10/01/1999	01/01/2005	10/01/1999	7/1/2007
Classification	SLAMS	SLAMS	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM	FRM	FEM
-Appendix D Requirements					
Monitoring Objective	Population Exposure	Population Exposure	Population Exposure	Population Exposure	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Sampling Season	Jan-Dec	Sep-Mar	Jan-Dec	Jan-Dec	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes	Yes	Yes
-Appendix E Requirements					
Distance between collocated samplers	N/A	N/A	N/A	N/A	N/A
Probe Inlet Height	4.9 meters	4.9 meters	5.5 meters	4.9 meters	5.4 meters
Airflow Arc	360º	360º	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A	N/A	N/A
Spacing from Trees	N/A	N/A	N/A	N/A	N/A
Nearest Major Roadway A	Central Ave	Central Ave	Central Ave	Central Ave	Central Ave
Distance and Direction to Road	168 meters, E	168 meters, E	168 meters, E	165 meters, E	165 meters, E
Traffic Count (ADT)	24000	24000	24000	24000	24000
Nearest Major Roadway B	Broadway Rd	Broadway Rd	Broadway Rd	Broadway Rd	Broadway Rd
Distance and Direction to Road	385 meters, N	385 meters, N	385 meters, N	385 meters, N	35 meters, W
Traffic Count (ADT)	18000	18000	18000	13000	13000
Groundcover	Paved	Paved	Paved	Paved	Paved

*Filter-based monitoring discontinued in June 2008, continuous monitoring started in July 2008.

SOUTH SCOTTSDALE

County ID: SS
AQS ID: 04-013-3003
Address: 2857 N Miller Rd., Scottsdale
Coordinates: 33.47968N – 111.91721W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information					
Pollutant/Monitor Type	**Ozone**	**CO**	**NO_2**	**SO_2**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	Continuous	Continuous	1 in 6 day
Analysis Method	N/A	N/A	N/A	N/A	Filters Weighed In-House
Any Proposal to Remove or Move Monitor?	No	No	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A	N/A	N/A
-Appendix A Requirements					
# Precision Checks Performed Annually	25	15	28	27	N/A
# Precision Checks Passing (Percentage)	25 (100%)	15 (100%)	25 (89%)	27 (100%)	N/A
# Accuracy Checks Performed Annually	4	1	3	5	0
# Accuracy Checks Passing (Percentage)	4 (100%)	1 (100%)	3 (100%)	5 (100%)	N/A
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	Bi-Weekly	Bi-Weekly	N/A
Frequency of Flow Rate Verification	N/A	N/A	N/A	N/A	Monthly
Last Annual Performance Evaluation Date	12/17/07	10/17/07	10/17/07	08/27/07	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	N/A	N/A	N/A
-Appendix C Requirements					
Sampler Make & Model	API M400	API M300	API M200	API M100	Anderson SSI
Date Established	01/01/1974	01/01/1974	10/01/1975	01/01/1984	07/01/1987
Classification	SLAMS	SLAMS	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM	FEM	FRM
-Appendix D Requirements					
Monitoring Objective	Population Exposure	Population Exposure	Population Exposure	Population Exposure	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Urban	Neighborhood	Neighborhood
Sampling Season	Jan-Dec	Sep-Mar	Jan-Dec	Jan-Dec	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes	Yes	Yes
-Appendix E Requirements					
Distance between collocated samplers	N/A	N/A	N/A	N/A	6.5 meters
Probe Inlet Height	5.8 meters	5.8 meters	5.8 meters	5.8 meters	5.1 meters
Airflow Arc	360º	360º	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A	N/A	N/A
Spacing from Trees	14 meters, S	14 meters, S	14 meters, S	14 meters, S	14 meters, S
Nearest Major Roadway A	Thomas	Thomas	Thomas	Thomas	Thomas
Distance and Direction to Road	66 meters, N	66 meters, N	66 meters, N	66 meters, N	62 meters, N
Traffic Count (ADT)	33000	33000	33000	33000	33000
Nearest Major Roadway B	Miller	Miller	Miller	Miller	Miller
Distance and Direction to Road	32 meters, W	32 meters, W	32 meters, W	32 meters, W	35 meters, W
Traffic Count (ADT)	13000	13000	13000	13000	13000
Groundcover	Paved	Paved	Paved	Paved	Paved

TEMPE
County ID: TE
AQS ID: 04-013-4005
Address: 1525 S College, Tempe
Coordinates: 33.4124N – 111.93473W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information		
Pollutant/Monitor Type	**Ozone**	**CO**
Sampling Schedule	Continuous	Continuous
Analysis Method	N/A	N/A
Any Proposal to Remove or Move Monitor?	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A
-Appendix A Requirements		
# Precision Checks Performed Annually	17	16
# Precision Checks Passing (Percentage)	17 (100%)	16 (100%)
# Accuracy Checks Performed Annually	3	1
# Accuracy Checks Passing (Percentage)	3 (100%)	1 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly
Frequency of Flow Rate Verification	N/A	N/A
Last Annual Performance Evaluation Date	5/24/07	02/05/07
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A
-Appendix C Requirements		
Sampler Make & Model	API M400	API M300
Date Established	07/01/2000	07/01/2000
Classification	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM
-Appendix D Requirements		
Monitoring Objective	Population Exposure	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood
Sampling Season	Jan-Dec	Sep-Mar
Network Meets Minimum Number of Monitors Required?	Yes	Yes
-Appendix E Requirements		
Distance between collocated samplers	N/A	N/A
Probe Inlet Height	4.4 meters	4.4 meters
Airflow Arc	360º	360º
Distance from Supporting Structure	N/A	N/A
Distance from Obstructions	N/A	N/A
Distance to Furnace Flue	N/A	N/A
Spacing from Trees	N/A	N/A
Nearest Major Roadway A	College Ave	College Ave
Distance and Direction to Road	11 meters, W	11 meters, W
Traffic Count (ADT)	Unknown (secondary street)	Unknown (secondary street)
Nearest Major Roadway B	Apache	Apache
Distance and Direction to Road	370 meters, N	370 meters, N
Traffic Count (ADT)	25000	25000
Groundcover	Gravel	Gravel

WEST CHANDLER

County ID: WC
AQS ID: 04-013-4004
Address: 275 S Ellis, Chandler
Coordinates: 33.29898N – 111.88431W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information			
Pollutant/Monitor Type	**Ozone**	**CO**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	Continuous
Analysis Method	N/A	N/A	Filters weighed in-house
Any Proposal to Remove or Move Monitor?	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A
-Appendix A Requirements			
# Precision Checks Performed Annually	16	16	N/A
# Precision Checks Passing (Percentage)	16 (100%)	16 (100%)	N/A
# Accuracy Checks Performed Annually	2	1	0
# Accuracy Checks Passing (Percentage)	2 (100%)	1 (100%)	N/A
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	N/A
Frequency of Flow Rate Verification	N/A	N/A	Monthly
Last Annual Performance Evaluation Date	9/12/07	01/23/07	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	N/A
-Appendix C Requirements			
Sampler Make & Model	API M400	API M300	Anderson SSI
Date Established	07/01/2000	07/01/2000	07/01/2000
Classification	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM
-Appendix D Requirements			
Monitoring Objective	Population Exposure	Population Exposure	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Middle
Sampling Season	Apr-Oct	Sep-Mar	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes
-Appendix E Requirements			
Distance between collocated samplers	N/A	N/A	N/A
Probe Inlet Height	4.4 meters	4.4 meters	4.4 meters
Airflow Arc	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A
Spacing from Trees	14 meters, E	14 meters, E	14 meters, E
Nearest Major Roadway A	Frye Rd	Frye Rd	Frye Rd
Distance and Direction to Road	23 meters, S	23 meters, S	25 meters, S
Traffic Count (ADT)	Unknown (secondary street)	Unknown (secondary street)	Unknown (secondary street)
Nearest Major Roadway B	Ellis St	Ellis St	Ellis St
Distance and Direction to Road	73 meters, W	73 meters, W	71 meters, W
Traffic Count (ADT)	Unknown (secondary street)	Unknown (secondary street)	Unknown (secondary street)
Groundcover	Paved/Gravel	Paved/Gravel	Paved/Gravel

WEST 43RD AVENUE

County ID: WF
AQS ID: 04-013-4009
Address: 3940 W Broadway, Phoenix
Coordinates: 33.40642N – 112.14434W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**PM_{10}**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	25
# Precision Checks Passing (Percentage)	25 (100%)
# Accuracy Checks Performed Annually	1
# Accuracy Checks Passing (Percentage)	1 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	N/A
Frequency of Flow Rate Verification	Bi-Weekly
Last Annual Performance Evaluation Date	N/A
Last Two Semi-Annual Flow Rate Audit Dates	2/6/07
-Appendix C Requirements	
Sampler Make & Model	R&P TEOM
Date Established	04/01/2002
Classification	SLAMS
Method (FRM, FEM, ARM)	FEM
-Appendix D Requirements	
Monitoring Objective	Highest Concentrations
Monitoring Scale	Middle
Sampling Season	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	5 meters
Airflow Arc	360º
Distance from Supporting Structure	N/A
Distance from Obstructions	N/A
Distance to Furnace Flue	N/A
Spacing from Trees	N/A
Nearest Major Roadway	Broadway Road
Distance and Direction to Road	37 meters, SE
Traffic Count (ADT)	Unknown
Groundcover	Gravel

WEST INDIAN SCHOOL ROAD

County ID: WI
AQS ID: 04-013-0016
Address: 3315 W Indian School Rd, Phoenix
Coordinates: 33.49462N – 112.13095W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information	
Pollutant/Monitor Type	**CO**
Sampling Schedule	Continuous
Analysis Method	N/A
Any Proposal to Remove or Move Monitor?	Yes, consideration of removing monitor
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A
-Appendix A Requirements	
# Precision Checks Performed Annually	25
# Precision Checks Passing (Percentage)	25 (100%)
# Accuracy Checks Performed Annually	4
# Accuracy Checks Passing (Percentage)	4 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes
Annual Data Certification Submitted?	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly
Frequency of Flow Rate Verification	N/A
Last Annual Performance Evaluation Date	10/11/07
Last Two Semi-Annual Flow Rate Audit Dates	N/A
-Appendix C Requirements	
Sampler Make & Model	API M300
Date Established	12/01/1980
Classification	SLAMS
Method (FRM, FEM, ARM)	FRM
-Appendix D Requirements	
Monitoring Objective	Highest Concentration
Monitoring Scale	Micro-scale
Sampling Season	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes
-Appendix E Requirements	
Distance between collocated samplers	N/A
Probe Inlet Height	2.6 meters
Airflow Arc	360º
Distance from Supporting Structure	2 meters from side of building
Distance from Obstructions	Roofline 2 meters to South, .5 meters above probe
Distance to Furnace Flue	N/A
Spacing from Trees	N/A
Nearest Major Roadway	Indian School Road
Distance and Direction to Road	3 meters, N
Traffic Count (ADT)	50,000
Groundcover	Paved

WEST PHOENIX

County ID: WP
AQS ID: 04-013-0019
Address: 3847 W Earll, Phoenix
Coordinates: 33.48385N – 112.14257W
Metropolitan Sampling Area (MSA): 6200 Phoenix-Mesa

-General Information						
Pollutant/Monitor Type	**Ozone**	**CO**	**NO_2**	**$PM_{2.5}$**	**$PM_{2.5}$**	**PM_{10}**
Sampling Schedule	Continuous	Continuous	Continuous	1 in 3 days	Continuous	Continuous
Analysis Method	N/A	N/A	N/A	Filters Weighed In-House	N/A	N/A
Any Proposal to Remove or Move Monitor?	No	No	No	No	No	No
Is site suitable for comparison to $PM_{2.5}$ NAAQS per Part 58.30?	N/A	N/A	N/A	Yes	Yes	N/A
-Appendix A Requirements						
# Precision Checks Performed Annually	27	26	27	61	25	29
# Precision Checks Passing (Percentage)	27 (100%)	26 (100%)	27 (100%)	61 (100%)	25 (100%)	29 (100%)
# Accuracy Checks Performed Annually	4	3	3	2	2	2
# Accuracy Checks Passing (Percentage)	4 (100%)	3 (100%)	3 (100%)	2 (100%)	2 (100%)	2 (100%)
All Precision/Accuracy Reports Submitted to AQS?	Yes	Yes	Yes	Yes	Yes	Yes
Annual Data Certification Submitted?	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008	Pending for July 2008
Frequency of One-Point QC Check	Bi-Weekly	Bi-Weekly	Bi-Weekly	N/A	N/A	N/A
Frequency of Flow Rate Verification	N/A	N/A	N/A	Every 6 weeks	Bi-Weekly	Bi-Weekly
Last Annual Performance Evaluation Date	8/13/07	11/20/07	07/31/07	N/A	N/A	N/A
Last Two Semi-Annual Flow Rate Audit Dates	N/A	N/A	N/A	4/11/07, 10/25/07	1/25/07, 3/30/07	1/25/07, 3/30/07
-Appendix C Requirements						
Sampler Make & Model	API M400	API M300	API M200	R&P 2025	R&P FDMS-TEOM	R&P TEOM
Date Established	01/01/84	01/01/84	05/24/90	06/13/00	09/01/05	02/01/88
Classification	SLAMS	SLAMS	SLAMS	SLAMS	SLAMS	SLAMS
Method (FRM, FEM, ARM)	FEM	FRM	FRM	FRM	None	FEM
-Appendix D Requirements						
Monitoring Objective	Population Exposure	Population Exposure	Population Exposure	Highest Concentration	Highest Concentration	Population Exposure
Monitoring Scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Sampling Season	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
Network Meets Minimum Number of Monitors Required?	Yes	Yes	Yes	Yes	Yes	Yes
-Appendix E Requirements						
Distance between collocated samplers	N/A	N/A	N/A	2.3 meters	N/A	N/A
Probe Inlet Height	4.3 meters	4.3 meters	4.3 meters	2.8 meter	3.6 meter	2.7 meters
Airflow Arc	360º	360º	360º	360º	360º	360º
Distance from Supporting Structure	N/A	N/A	N/A	N/A	N/A	N/A
Distance from Obstructions	N/A	N/A	N/A	N/A	N/A	N/A
Distance to Furnace Flue	N/A	N/A	N/A	N/A	N/A	N/A
Spacing from Trees	N/A	N/A	N/A	N/A	N/A	N/A
Nearest Major Roadway	Thomas	Thomas	Thomas	Thomas	Thomas	Thomas
Distance and Direction to Road	360 meters, S	360 meters, S	360 meters, S	360 meters, S	360 meters, S	360 meters, S
Traffic Count (ADT)	29,000	29,000	29,000	29,000	29,000	29,000
Groundcover	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel

APPENDIX III - PUBLIC NOTICE AND COMMENT INFORMATION

Public Notice Period

To fulfill the requirements of 40CFR58 §58.10, Maricopa County Air Quality posted a draft copy of this Network Review on its website on May 14, 2008. On that same day we posted a news item on the website and ran a notice in the Arizona Republic newspaper informing the public that the Review was available for inspection and comment. We also informed the public that a workshop would be held on June16, 2008 where comments and concerns could be addressed.

Public Comments

Maricopa County Air Quality did not receive any comments from the public regarding the annual Network Review.

News Release

The following is a copy of the news release that was posted on the Maricopa County website and advertised in the Arizona Republic newspaper:

Public Notice

The Maricopa County Air Quality Department will hold a public meeting to discuss its 2007 Air Monitoring Network Review on Monday, June 16, 2008 at 1:00 p.m. The meeting will be held at the Air Monitoring Division's offices at 2145 S. 11th Ave. suite 170, Phoenix, AZ 85007.

A copy of the draft network review is currently available on the department's website at the following website address:

http://www.maricopa.gov/aq/divisions/monitoring/docs/pdf/REVIEW07.pdf

http://www.maricopa.gov/aq/divisions/monitoring/docs/pdf/REVIEW07_Appendices.pdf

Hard copies of the document may be requested from the department's Records Management Coordinator at (602) 506-6201 or at the department's address: 1001 North Central Avenue, Phoenix, Arizona 85004. Arrangements may be made to view the information every Monday through Friday (excluding major holidays) between 8:00 a.m. and 4:30 p.m. There is a small fee for copying available documents.

The 2007 Air Monitoring Network Review covers all ambient air monitoring activity captured by the department's 24 air monitoring sites in 2007. The Air Monitoring Network Review also provides a summary of the pollutants measured by Maricopa County, a look at the air monitoring network design and monitoring site details and statistics from the past year among other information.

Additional information on the draft Air Monitoring Network Review may be obtained by contacting Ben Davis at 2145 S 11th Avenue #170, Phoenix, AZ 85007 or (602) 258-5155 x221.

The purpose of this June 16, 2008 public meeting is to receive comments from the public on the draft document. Members of the public may comment in person or through written statements to the department. Written comments shall state the name and mailing address of the person making comment and be signed by that person or authorized agent or attorney. Written comments on the draft document are due to the department by June 23, 2008 at 5:00 p.m.

A sign language and/or Spanish interpreter will be made available upon request with 72 hours notice. Additional reasonable accommodations will be made available to the extent possible within the time frame of the request.